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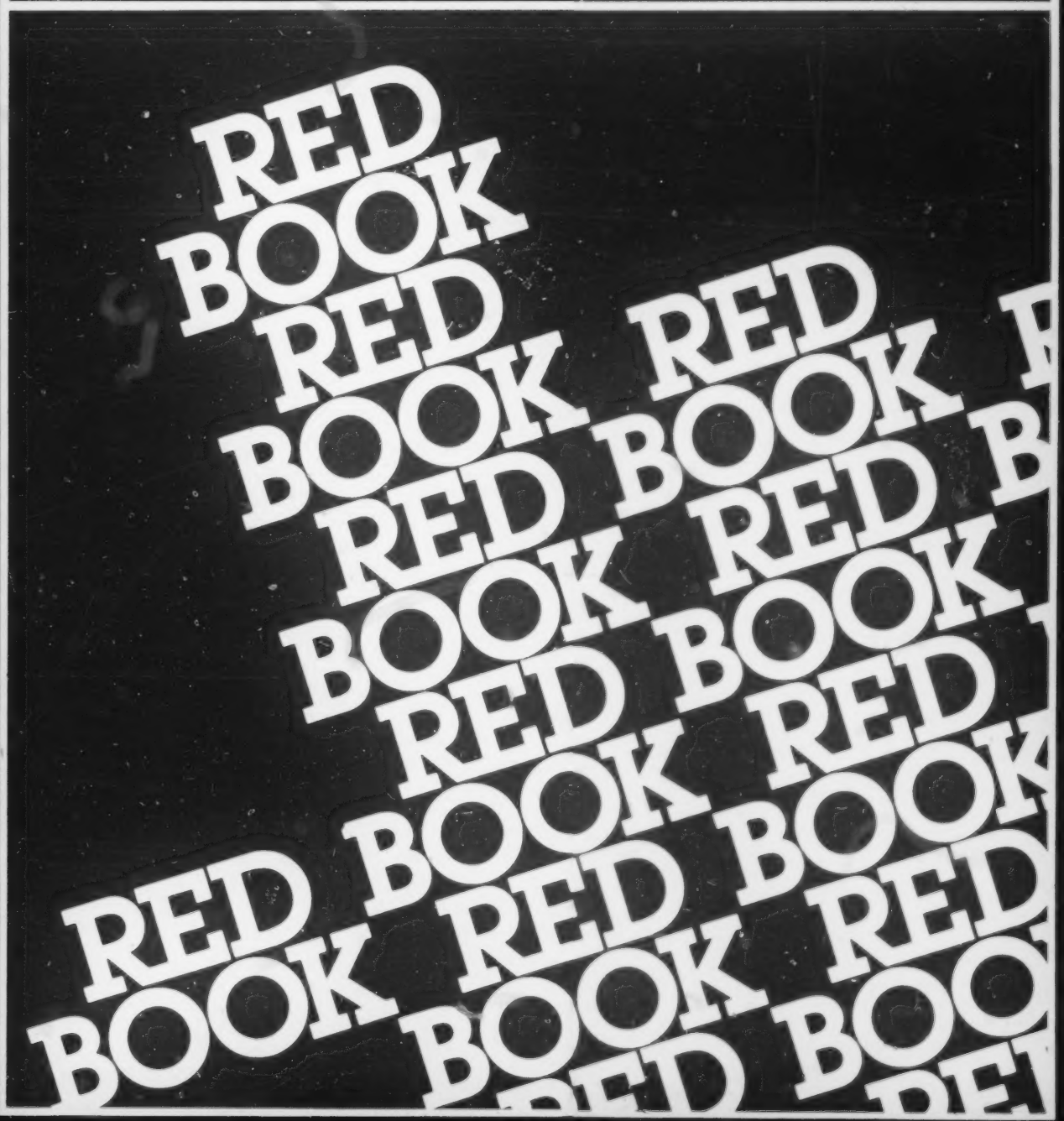
# Implement & Tractor

*The business magazine of the farm and industrial equipment industry* March 31, 1988



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# Implement & Tractor

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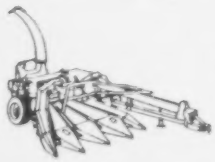

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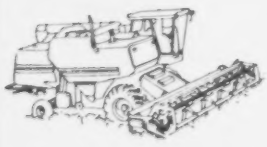

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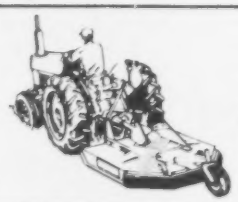

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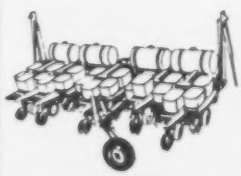

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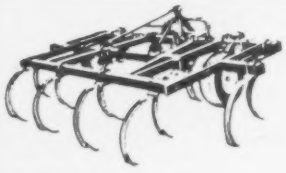

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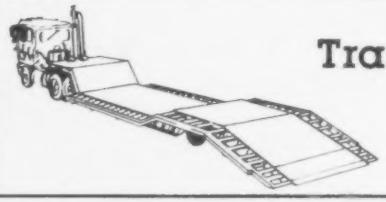

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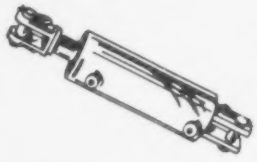

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*Abbreviations:*
**DNA** – Does not apply.
**NA** – Not available.
**Std.** – Standard.
**Opt.** – Optional
Linear measurements may be to nearest ¼-inch.

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# Ten-Year Summary of Test Reports, 1977-1986

Nebraska Tractor Test Results, normally published in each edition of RED BOOK, are not included in this edition and are replaced by the latest Ten-Year Test Result Summary. An explanation seems in order.

The Nebraska Tractor Test Law originated in 1919 for the purpose of verifying advertising claims on tractors offered for sale to Nebraska farmers. Its previous position as the only independent test laboratory in the U.S. devoted to the evaluation of tractor performance proved of unique value to the industry.

Other nations require third-party testing of tractors, and in the past, several nations with no test program had accepted Nebraska test results. Recently, however, more countries have built their own test facilities or adopted the test procedures of the Organization for Economic Cooperation and Development (OECD). OECD tests are similar to, but not exactly the same, as the SAE/ASAE procedures followed at Nebraska.

Manufacturers generally agree that tractors should be tested in their country of manufacture. For most of them, that would involve tests in Britain, France, Italy, Japan, West Germany and the U.S.

The additional costs associated with duplicate testing have caused some manufacturers to suspend sales of certain models in Nebraska rather than pay the extra cost.

In 1985 industry representatives began an effort to gain recognition for OECD tests in the U.S. The Farm and Industry Equipment Institute (FIEI) was subsequently named the "Designated Authority" for OECD testing. When the FIEI task force began considering possible tractor test organizations other than the University of Nebraska, the Nebraska legislature in early 1986 passed a law to accept results of either the current SAE/ASAE or OECD tractor tests.

Since no Nebraska tests were conducted in 1987 and given the ongoing changes and confusion in the current testing procedures, we have decided to forego publishing OECD test results in place of the Nebraska tests until such time as agreement can be reached among the farming and industry communities as to accepted testing procedures.

In lieu of current test results, we are reintroducing the Ten-Year Test Result Summary. This summary includes the most recent data available through the 1986 year and should provide additional, much needed information.

# Ten-Year Summary of Test Reports, 1977-1986

| MAKE AND MODEL OF TRACTOR | Test No. | Fuel Used | Weight With Ballast | Lbs. Ballast Carried | ENGINE No. of Cylinders | Bore and Stroke | Displacement Cu. in. | Rated RPM | Max. PTO HP at Rated Engine RPM | Std. PTO RPM | Max. PTO HP Std. PTO RPM | Max. Drawbar HP | MPH at Max. Dwbr. HP | Max. Lbs. Pull | Max. PTO HP at Std. PTO RPM | FUEL CONSUMPTION (HP Hours Per Gallon) at:- PTO Average at Varying Power | —Varying Drawbar Power— Max. Available Power | 75% of Pull Max. Power | 50% of Pull at Max. Power |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Allis-Chalmers** | | | | | | | | | | | | | | | | | | | |
| 5020 | 1270 | Die. | 3358 | 1298 | 2 | 3.62x3.74 | 77 | 2500 | 21.79 | 540 | 20.78 | 18.05 | 5.74 | 2346 | 13.99 | 10.99 | 11.07 | 10.51 | 8.62 |
| 5030 | 1271 | Die. | 3876 | 1346 | 2 | 3.82x3.94 | 90.1 | 2500 | 26.42 | 540 | 25.61 | 23.92 | 4.26 | 3389 | 13.82 | 11.28 | 11.64 | 11.48 | 9.68 |
| 5050 | 1240 | Die. | 7690 | 3280 | 3 | 4.055x4.33 | 168 | 2700 | 51.46 | 540 | 47.16 | 45.22 | 5.68 | 6075 | 16.10 | 12.42 | 12.58 | 13.01 | 11.24 |
| 6060 8 Speed | 1397 | Die. | 8945 | 2480 | 4 | 3.876x4.25 | 200 | 2300 | 63.83 | 540 | 64.90 | 52.24 | 4.83 | 6846 | 16.26 | 12.07 | 13.27 | 11.99 | 10.10 |
| 6080 12 Speed | 1398 | Die. | 11790 | 4200 | 4 | 3.876x4.25 | 200 | 2300 | 83.66 | 1000 | 74.49 | 72.32 | 5.74 | 9003 | 15.70 | 13.14 | 14.27 | 12.81 | 10.93 |
| 6140 | 1445 | Die. | 6195 | 1735 | 3 | 3.858x4.055 | 142 | 2500 | 41.08 | 541 | 38.04 | 33.97 | 5.20 | 4768 | 13.47 | 10.20 | 10.87 | 10.25 | 8.88 |
| 7010PD 20 Speed | 1345 | Die. | 12790 | 1530 | 6 | 3.875x4.25 | 301 | 2300 | 106.53 | 1000 | 107.52 | 91.44 | 6.05 | 9426 | 15.48 | 11.57 | 12.59 | 11.48 | 9.68 |
| 7010PS 12 Speed | 1346 | Die. | 12740 | 1365 | 6 | 3.875x4.25 | 301 | 2300 | 106.72 | 1000 | 106.33 | 91.61 | 6.11 | 9516 | 15.43 | 11.74 | 12.43 | 11.35 | 9.58 |
| 7020 Powershift | 1259 | Die. | 15810 | 3840 | 6 | 3.875x4.25 | 301 | 2300 | 123.79 | 1000 | 123.50 | 105.36 | 6.59 | 12001 | 16.01 | 12.45 | 13.10 | 12.25 | 10.34 |
| 7020 Power Director | 1260 | Die. | 15855 | 4085 | 6 | 3.875x4.25 | 301 | 2300 | 123.85 | 1000 | 125.51 | 107.36 | 6.83 | 11964 | 16.08 | 12.12 | 13.09 | 12.08 | 10.13 |
| 7045 Power Director | 1261 | Die. | 18990 | 4745 | 6 | 4.25x5.00 | 426 | 2300 | 146.18 | 1000 | 146.46 | 127.84 | 7.04 | 15430 | 14.62 | 11.26 | 12.16 | 11.40 | 9.72 |
| 7045 Powershift | 1308 | Die. | 18990 | 4390 | 6 | 4.25x5.00 | 426 | 2300 | 146.88 | 1000 | 146.67 | 127.61 | 6.92 | 15449 | 14.92 | 11.32 | 12.58 | 11.71 | 9.62 |
| 8010 Powershift | 1446 | Die. | 13185 | 555 | 6 | 3.875x4.25 | 301 | 2300 | 107.38 | 1000 | 109.55 | 93.01 | 6.16 | 9102 | 15.01 | 11.49 | 12.57 | 11.48 | 9.54 |
| 8030 Powershift | 1447 | Die. | 17100 | 2085 | 6 | 4.25x5.00 | 426 | 2300 | 133.75 | 1000 | 134.42 | 116.65 | 6.35 | 13348 | 15.25 | 11.78 | 12.93 | 11.87 | 10.00 |
| 8050 Powershift | 1448 | Die. | 19380 | 4075 | 6 | 4.25x5.00 | 426 | 2300 | 152.40 | 1000 | 155.15 | 134.13 | 4.89 | 16728 | 15.88 | 12.51 | 13.71 | 12.73 | 10.80 |
| 8070 Powershift | 1449 | Die. | 22370 | 5520 | 6 | 4.25x5.00 | 426 | 2400 | 170.72 | 1000 | 171.44 | 147.29 | 5.87 | 18777 | 16.48 | 12.81 | 13.67 | 12.59 | 10.64 |
| 8550 | 1262 | Die. | 29360 | 2320 | 6 | 5.250x5.625 | 731 | 2500 | 253.88 | 998 | 253.88 | 224.18 | 5.83 | 26220 | 14.57 | 10.94 | 12.47 | 11.45 | 9.35 |
| **Belarus** | | | | | | | | | | | | | | | | | | | |
| 1500 12 Speed | 1333 | Die. | 19885 | 1120 | 6 | 5.118x4.528 | 558 | 2100 | 168.76 | 1000 | 169.63 | 151.96 | 5.31 | 19311 | 16.48 | 13.69 | 14.53 | 13.98 | 12.25 |
| 7100 16 Speed | 1334 | Die. | 32460 | 0 | 12 | 5.118x5.512 | 1360 | 1900 | 269.62 | 1003 | 269.62 | 259.46 | 4.78 | 30845 | 15.85 | 13.26 | 14.82 | 14.35 | 12.56 |
| **Big Bud** | | | | | | | | | | | | | | | | | | | |
| 525/50 9 Speed | 1400 | Die. | 51920 | 0 | 6 | 6.25x6.25 | 1150 | 2100 | --- | --- | --- | 421.49 | 5.64 | 42216 | --- | --- | 14.87 | 13.97 | 12.01 |
| **Case** | | | | | | | | | | | | | | | | | | | |
| 1190 Manual | 1378 | Die. | 6780 | 2160 | 3 | 3.939x4.500 | 165 | 2200 | 43.09 | 540 | 38.54 | 36.60 | 7.60 | 4620 | 14.99 | 13.09 | 12.22 | 12.59 | 11.39 |
| 1290 Manual | 1379 | Die. | 9320 | 2750 | 4 | 3.939x4.000 | 195 | 2200 | 53.73 | 540 | 47.80 | 46.41 | 4.97 | 6851 | 15.20 | 13.34 | 12.41 | 12.90 | 11.68 |
| 1390 Manual | 1380 | Die. | 9780 | 3160 | 4 | 3.939x4.500 | 219 | 2200 | 60.59 | 1000 | 58.40 | 52.16 | 4.92 | 7348 | 15.58 | 13.36 | 12.89 | 13.24 | 11.77 |
| 1490 Manual | 1381 | Die. | 11305 | 3600 | 4 | 3.939x4.500 | 219 | 2200 | 70.51 | 1000 | 68.75 | 60.45 | 5.63 | 8340 | 17.18 | 13.62 | 13.62 | 13.00 | 11.25 |
| 1490 Powershift | 1382 | Die. | 11060 | 2635 | 4 | 3.939x4.500 | 219 | 2200 | 70.91 | 1000 | 70.48 | 61.56 | 6.76 | 8405 | 16.42 | 12.36 | 13.12 | 12.01 | 10.20 |
| 1594 Synchro | 1546 | Die. | 11100 | 1755 | 6 | 3.939x4.500 | 329 | 2300 | 85.90 | 1000 | 80.83 | 73.54 | 5.29 | 8331 | 17.04 | 14.04 | 14.26 | 13.56 | 11.99 |
| 1594 Powershift | 1547 | Die. | 11210 | 1745 | 6 | 3.939x4.500 | 329 | 2300 | 85.54 | 1000 | 81.94 | 70.59 | 5.47 | 8198 | 16.86 | 13.52 | 13.59 | 13.10 | 11.45 |
| 1690 Manual | 1383 | Die. | 12470 | 3715 | 6 | 3.939x4.500 | 329 | 2300 | 90.39 | 1000 | 87.76 | 78.08 | 4.27 | 10536 | 15.95 | 13.95 | 13.20 | 13.50 | 12.28 |
| 1896 Powershift | 1548 | Die. | 13925 | 430 | 6 | 4.016x4.724 | 359 | 2100 | 95.92 | 997 | 95.92 | 86.45 | 4.77 | 12357 | 16.71 | 12.94 | 14.82 | 13.65 | 11.34 |
| 2090 Manual | 1304 | Die. | 15030 | 3120 | 6 | 4.625x5.000 | 504 | 2100 | 108.74 | 998 | 108.74 | 95.31 | 7.10 | 11655 | 15.40 | 12.23 | 13.41 | 12.69 | 10.73 |
| 2090 Powershift | 1295 | Die. | 15190 | 3160 | 6 | 4.625x5.000 | 504 | 2100 | 108.29 | 998 | 108.29 | 93.95 | 6.56 | 11211 | 14.94 | 11.77 | 12.49 | 11.96 | 10.14 |
| 2094 Powershift | 1525 | Die. | 14750 | 560 | 6 | 4.625x5.000 | 504 | 2100 | 110.50 | 998 | 110.50 | 100.12 | 6.34 | 11910 | 15.40 | 12.26 | 13.81 | 12.93 | 11.27 |
| 2096 Powershift | 1549 | Die. | 14940 | 760 | 6 | 4.016x4.724 | 359 | 2100 | 115.67 | 998 | 115.67 | 101.40 | 6.37 | 12915 | 17.38 | 14.01 | 15.21 | 13.92 | 11.95 |
| 2290 Manual | 1296 | Die. | 15400 | 2630 | 6 | 4.625x5.000 | 504 | 2100 | 128.80 | 998 | 128.80 | 109.36 | 5.32 | 12635 | 14.52 | 11.66 | 12.46 | 11.73 | 10.07 |
| 2290 Powershift | 1297 | Die. | 15840 | 2140 | 6 | 4.625x5.000 | 504 | 2100 | 129.08 | 998 | 129.08 | 111.68 | 6.25 | 12749 | 14.52 | 11.53 | 12.65 | 11.37 | 9.77 |
| 2294 Powershift | 1526 | Die. | 15670 | 1280 | 6 | 4.625x5.000 | 504 | 2100 | 131.97 | 998 | 131.97 | 116.38 | 6.31 | 13017 | 14.86 | 11.82 | 13.11 | 12.21 | 10.51 |
| 2390 Powershift | 1302 | Die. | 18710 | 3120 | 6 | 4.625x5.000 | 504 | 2100 | 160.72 | 1002 | 160.72 | 146.01 | 6.59 | 16020 | 15.23 | 12.41 | 13.20 | 12.66 | 10.99 |
| 2394 Powershift | 1527 | Die. | 18595 | 2355 | 6 | 4.625x5.000 | 504 | 2100 | 162.15 | 1002 | 162.15 | 142.07 | 5.53 | 15497 | 15.46 | 12.70 | 13.42 | 12.71 | 11.04 |
| 2590 Powershift | 1303 | Die. | 20500 | 4760 | 6 | 4.625x5.000 | 504 | 2100 | 180.38 | 1003 | 180.38 | 159.01 | 6.57 | 17865 | 15.53 | 12.97 | 13.42 | 13.03 | 11.67 |
| 2594 Powershift | 1529 | Die. | 19790 | 3570 | 6 | 4.625x5.000 | 504 | 2100 | 182.07 | 1002 | 182.07 | 161.96 | 6.40 | 16874 | 15.22 | 12.88 | 13.37 | 12.94 | 11.63 |
| 2870 | 1241 | Die. | 28150 | 3050 | 6 | 5.000x5.710 | 673 | 2200 | 252.10 | 1009 | 252.10 | 219.61 | 5.72 | 26386 | 15.45 | 12.01 | 12.98 | 12.37 | 10.40 |
| 3294 Powershift | 1528 | Die. | 17980 | 0 | 6 | 4.625x5.000 | 504 | 2100 | 162.63 | 998 | 162.63 | 143.68 | 5.75 | 16242 | 15.32 | 12.58 | 13.55 | 12.76 | 11.13 |
| 4490 | 1328 | Die. | 22450 | 1610 | 6 | 4.625x5.000 | 504 | 2200 | 175.20 | 1000 | 175.20 | 153.30 | 5.65 | 21400 | 15.27 | 12.36 | 13.30 | 12.52 | 10.87 |
| 4690 | 1329 | Die. | 25230 | 2920 | 6 | 4.625x5.000 | 504 | 2200 | 219.62 | 1000 | 219.62 | 195.60 | 5.97 | 24564 | 15.26 | 12.76 | 13.39 | 12.84 | 11.21 |
| 4890 | 1330 | Die. | 28460 | 2710 | 6 | 5.00x5.71 | 673 | 2200 | 253.41 | 1000 | 253.41 | 224.81 | 5.96 | 27627 | 16.32 | 13.02 | 14.19 | 13.27 | 11.36 |
| 4994 Powershift | 1530 | Die. | 39930 | 8615 | 8 | 5.00x5.51 | 866 | 2100 | 344.04 | 991 | 344.04 | 306.43 | 7.20 | 34519 | 17.03 | 13.81 | 14.67 | 13.87 | 12.18 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Case IH** | | | | | | | | | | | | | | | | | | |
| 685 | 1604 | Die. | 8845 | 3010 | 4 | 3.875x5.06 | 239 | 2400 | 61.02 | 540 | 58.80 | 54.63 | 5.42 | 7207 | 14.76 | 11.56 | 12.66 | 11.86 | 9.95 |
| 2394 Powershift | 1582 | Die. | 18630 | 2230 | 6 | 4.625x5.00 | 504 | 2100 | 162.92 | 1002 | 162.92 | 148.98 | 5.12 | 17425 | 15.81 | 13.02 | 14.36 | 13.56 | 11.89 |
| 3394 Powershift | 1583 | Die. | 18610 | 2810 | 6 | 4.625x5.00 | 504 | 2100 | 162.86 | 1002 | 162.86 | 144.82 | 5.08 | 17421 | 15.39 | 12.59 | 13.51 | 12.48 | 10.55 |
| 3594 Powershift | 1584 | Die. | 20500 | 2910 | 6 | 4.625x5.00 | 504 | 2100 | 182.27 | 1002 | 182.27 | 165.12 | 5.07 | 20384 | 15.45 | 13.05 | 13.70 | 12.91 | 11.20 |
| **John Deere** | | | | | | | | | | | | | | | | | | | |
| 750 8 Speed | 1504 | Die. | 2150 | 155 | 3 | 3.15x3.35 | 78.2 | 2400 | 18.54 | 540 | 19.80 | 15.73 | 6.41 | 1661 | 15.06 | 11.61 | 12.48 | 11.53 | 9.83 |
| 850 | 1280 | Die. | 3528 | 982 | 3 | 3.15x3.35 | 78 | 2600 | 22.27 | 540 | 20.66 | 18.92 | 4.90 | 2699 | 14.26 | 11.51 | 11.23 | 11.22 | 10.21 |
| 950 | 1281 | Die. | 3615 | 803 | 3 | 3.54x3.54 | 105 | 2400 | 27.36 | 540 | 28.05 | 23.46 | 4.98 | 3056 | 14.68 | 12.36 | 12.42 | 12.23 | 10.63 |
| 1050 | 1327 | Die. | 4140 | 730 | 3 | 3.54x3.54 | 105 | 2400 | 33.41 | 540 | 33.42 | 28.15 | 5.27 | 3466 | 15.46 | 12.36 | 12.34 | 11.99 | 10.13 |
| 1250 | 1437 | Die. | 5180 | 90 | 3 | 3.74x4.33 | 143 | 2500 | 40.70 | 540 | 40.98 | 34.01 | 5.39 | 3750 | 17.00 | 13.56 | 13.90 | 12.71 | 10.68 |
| 1450 9 Speed | 1505 | Die. | 6570 | 1340 | 4 | 3.74x4.33 | 190 | 2400 | 51.39 | 540 | 50.93 | 43.79 | 7.68 | 5321 | 17.60 | 14.01 | 14.74 | 13.67 | 11.64 |
| 1650 9 Speed | 1506 | Die. | 7785 | 2435 | 4 | 3.74x4.33 | 190 | 2300 | 62.22 | 540 | 62.70 | 54.06 | 7.79 | 6572 | 18.81 | 15.53 | 15.96 | 14.97 | 12.95 |
| 2040 8 Speed | 1350 | Die. | 6500 | 1465 | 3 | 4.19x4.33 | 179 | 2500 | 41.25 | 540 | 40.53 | 33.31 | 5.63 | 4873 | 15.62 | 11.73 | 12.02 | 11.35 | 9.03 |
| 2040 8 Speed TSS (1) | 1393 | Die. | 6040 | 265 | 3 | 4.19x4.33 | 179 | 2500 | 40.44 | 540 | 40.22 | 33.21 | 5.16 | 5541 | 14.87 | 10.93 | 11.69 | 10.71 | 8.76 |
| 2150 16 Speed | 1469 | Die. | 5930 | 820 | 3 | 4.19x4.33 | 179 | 2500 | 46.47 | 540 | 46.13 | 38.69 | 6.98 | 4875 | 14.77 | 11.15 | 11.88 | 11.24 | 9.47 |
| 2240 8 Speed TSS (1) | 1394 | Die. | 6205 | 310 | 3 | 4.19x4.33 | 179 | 2500 | 50.90 | 540 | 49.20 | 42.13 | 5.08 | 5777 | 15.32 | 11.75 | 11.98 | 11.45 | 9.78 |
| 2350 16 Speed | 1470 | Die. | 7190 | 380 | 4 | 4.19x4.33 | 239 | 2500 | 56.18 | 540 | 55.69 | 47.53 | 6.77 | 5688 | 15.67 | 11.66 | 12.96 | 11.87 | 9.87 |
| 2550 16 Speed | 1471 | Die. | 8485 | 1575 | 4 | 4.19x4.33 | 239 | 2500 | 65.94 | 540 | 65.53 | 56.24 | 6.22 | 6979 | 15.42 | 11.85 | 12.83 | 12.09 | 10.10 |
| 2750 16 Speed | 1472 | Die. | 9625 | 2125 | 4 | 4.19x4.33 | 239 | 2500 | 75.35 | 540 | 75.07 | 63.98 | 4.75 | 7581 | 16.11 | 12.29 | 13.13 | 12.37 | 10.51 |
| 2755 | 1605 | Die. | 9715 | 1170 | 4 | 4.19x4.33 | 239 | 2300 | 76.57 | 1000 | 77.63 | 66.05 | 5.18 | 7498 | 17.82 | 14.04 | 14.87 | 14.19 | 12.14 |
| 2840 | 1249 | Die. | 10500 | 1695 | 6 | 4.020x4.330 | 329 | 2500 | 80.65 | 1000 | 76.27 | 67.47 | 6.21 | 8386 | 16.02 | 11.52 | 12.36 | 11.57 | 9.59 |
| 2940 16 Speed | 1351 | Die. | 10650 | 1215 | 6 | 4.19x4.33 | 359 | 2500 | 81.17 | 1000 | 81.46 | 67.98 | 4.64 | 7601 | 15.91 | 11.73 | 12.81 | 11.91 | 9.91 |
| 2950 16 Speed | 1473 | Die. | 11045 | 945 | 6 | 4.19x4.33 | 359 | 2500 | 85.37 | 1000 | 85.50 | 73.30 | 6.57 | 8768 | 16.33 | 12.21 | 13.58 | 12.45 | 10.53 |
| 2955 | 1606 | Die. | 11150 | 130 | 6 | 4.19x4.33 | 359 | 2300 | 86.22 | 1000 | 85.54 | 74.20 | 5.42 | 9971 | 17.41 | 13.63 | 14.82 | 13.79 | 11.64 |
| 3150 | 1589 | Die. | 12300 | 355 | 6 | 4.19x4.33 | 359 | 2400 | 96.06 | 1000 | 96.06 | 83.04 | 5.64 | 10507 | 16.45 | 13.09 | 14.23 | 13.34 | 11.21 |
| 4040 | 1267 | Die. | 12055 | 1165 | 6 | 4.25x4.75 | 404 | 2200 | 90.80 | 1002 | 90.80 | 77.85 | 6.36 | 8936 | 13.49 | 10.59 | 11.24 | 10.96 | 9.21 |
| 4040 Syncro Range | 1359 | Die. | 12090 | 1600 | 6 | 4.25x4.75 | 404 | 2200 | 90.31 | 1002 | 90.31 | 77.04 | 8.14 | 9035 | 13.87 | 10.85 | 11.68 | 11.29 | 9.70 |
| 4040 Powershift | 1360 | Die. | 12080 | 1590 | 6 | 4.25x4.75 | 404 | 2200 | 90.79 | 1000 | 90.88 | 78.54 | 4.45 | 9195 | 13.54 | 10.79 | 11.50 | 11.35 | 9.55 |
| 4050 Quad | 1474 | Die. | 13005 | 835 | 6 | 4.57x4.75 | 466 | 2200 | 101.49 | 1002 | 101.49 | 92.05 | 6.49 | 10331 | 15.12 | 11.72 | 13.44 | 12.54 | 10.64 |
| 4050 Quadrange | 1590 | Die. | 13670 | 1280 | 6 | 4.19x4.33 | 359 | 2200 | 105.89 | 1000 | 105.89 | 96.35 | 5.86 | 11381 | 17.23 | 13.60 | 15.34 | 14.25 | 12.13 |
| 4050 Powershift | 1457 | Die. | 13030 | 310 | 6 | 4.57x4.75 | 466 | 2200 | 100.95 | 1002 | 100.95 | 88.75 | 7.88 | 11058 | 15.08 | 11.59 | 12.60 | 11.69 | 9.65 |
| 4050 Powershift | 1591 | Die. | 13685 | 1000 | 6 | 4.19x4.33 | 359 | 2200 | 105.69 | 1000 | 105.69 | 91.64 | 8.51 | 11378 | 17.40 | 13.78 | 14.61 | 13.47 | 10.99 |
| 4240 | 1266 | Die. | 14090 | 1695 | 6 | 4.57x4.75 | 466 | 2200 | 110.94 | 1002 | 110.94 | 95.18 | 5.42 | 11492 | 14.33 | 11.09 | 12.05 | 11.35 | 9.52 |
| 4240 Syncro Range | 1361 | Die. | 14240 | 2430 | 6 | 4.56x4.75 | 466 | 2200 | 110.81 | 1002 | 110.81 | 95.40 | 4.90 | 12240 | 14.17 | 11.08 | 12.00 | 11.47 | 9.81 |
| 4240 Powershift | 1362 | Die. | 14260 | 2440 | 6 | 4.56x4.75 | 466 | 2200 | 111.06 | 1000 | 11.43 | 95.65 | 4.51 | 12450 | 14.39 | 11.25 | 12.13 | 11.65 | 10.13 |
| 4250 Quad | 1475 | Die. | 14990 | 1620 | 6 | 4.57x4.75 | 466 | 2200 | 120.21 | 1002 | 120.21 | 108.77 | 5.71 | 12858 | 15.70 | 12.21 | 13.90 | 12.82 | 10.64 |
| 4250 Powershift | 1458 | Die. | 14970 | 1115 | 6 | 4.57x4.75 | 466 | 2200 | 120.86 | 1002 | 120.86 | 105.11 | 8.36 | 12802 | 15.78 | 12.33 | 13.44 | 12.08 | 10.17 |
| 4440 | 1265 | Die. | 15540 | 2270 | 6 | 4.57x4.75 | 466 | 2200 | 130.58 | 1002 | 130.58 | 112.56 | 5.02 | 13392 | 15.21 | 11.73 | 12.69 | 11.83 | 9.90 |
| 4440 Powershift | 1357 | Die. | 15775 | 2655 | 6 | 4.57x4.75 | 466 | 2200 | 130.41 | 1010 | 130.41 | 114.16 | 4.53 | 13738 | 15.32 | 11.83 | 13.15 | 12.22 | 10.60 |
| 4450 Quad | 1476 | Die. | 16680 | 2380 | 6 | 4.57x4.75 | 466 | 2200 | 140.33 | 1002 | 140.33 | 125.18 | 5.01 | 15069 | 16.36 | 13.08 | 14.42 | 13.45 | 11.61 |
| 4450 Quad (2) | 1476 | Die. | 16760 | 2005 | 6 | 4.57x4.75 | 466 | 2200 | 140.33 | 1002 | 140.33 | 126.34 | 5.37 | 16278 | 16.36 | 13.08 | 14.68 | --- | --- |
| 4450 Powershift | 1459 | Die. | 16745 | 1795 | 6 | 4.57x4.75 | 466 | 2200 | 140.43 | 1002 | 140.43 | 121.94 | 8.03 | 15014 | 16.15 | 12.94 | 13.63 | 12.58 | 10.60 |
| 4450 Powershift (2) | 1459 | Die. | 16625 | 1225 | 6 | 4.57x4.75 | 466 | 2200 | 140.43 | 1002 | 140.43 | 122.51 | 8.78 | 16154 | 16.15 | 12.94 | 13.66 | --- | --- |
| 4640 | 1264 | Die. | 18120 | 0 | 6 | 4.57x4.75 | 466 | 2200 | 156.30 | 998 | 156.30 | 134.70 | 6.45 | 15362 | 15.61 | 12.29 | 13.30 | 12.15 | 10.32 |
| 4640 Powershift | 1358 | Die. | 18585 | 2805 | 6 | 4.57x4.75 | 466 | 2200 | 155.96 | 1000 | 157.01 | 137.04 | 4.81 | 15989 | 15.87 | 12.17 | 13.53 | 12.55 | 10.78 |
| 4650 Quad | 1477 | Die. | 19615 | 1615 | 6 | 4.57x4.75 | 466 | 2200 | 165.70 | 998 | 165.70 | 145.58 | 6.45 | 16814 | 16.99 | 13.90 | 14.80 | 13.81 | 12.11 |
| 4650 Quad (2) | 1477 | Die. | 19590 | 1150 | 6 | 4.57x4.75 | 466 | 2200 | 165.70 | 998 | 165.70 | 147.71 | 5.73 | 18931 | 16.99 | 13.90 | 14.93 | --- | --- |
| 4650 Powershift | 1460 | Die. | 19660 | 1075 | 6 | 4.57x4.75 | 466 | 2200 | 165.52 | 998 | 165.52 | 143.33 | 8.12 | 16746 | 16.96 | 13.78 | 14.25 | 13.15 | 11.31 |
| 4650 Powershift (2) | 1460 | Die. | 19740 | 695 | 6 | 4.57x4.75 | 466 | 2200 | 165.52 | 998 | 165.52 | 146.06 | 8.47 | 18794 | 16.96 | 13.78 | 14.44 | --- | --- |
| 4840 | 1263 | Die. | 20370 | 2240 | 6 | 4.57x4.75 | 466 | 2200 | 180.63 | 1000 | 181.63 | 157.09 | 4.76 | 17307 | 15.85 | 12.47 | 13.35 | 12.54 | 10.74 |
| 4850 Powershift | 1461 | Die. | 21435 | 2715 | 6 | 4.57x4.75 | 466 | 2200 | 192.99 | 998 | 192.99 | 171.27 | 8.04 | 18789 | 17.47 | 14.50 | 14.68 | 13.80 | 12.01 |
| 4850 Powershift (2) | 1461 | Die. | 21440 | 2280 | 6 | 4.57x4.75 | 466 | 2200 | 192.99 | 998 | 192.99 | 172.60 | 4.26 | 20810 | 17.47 | 14.50 | 14.93 | --- | --- |
| 8440 | 1323 | Die. | 26590 | 0 | 6 | 4.57x4.75 | 466 | 2100 | 179.83 | 993 | 179.83 | 163.26 | 4.97 | 25383 | 15.86 | 12.55 | 14.29 | 13.06 | 11.25 |
| 8450 | 1436 | Die. | 29150 | 0 | 6 | 4.57x4.75 | 466 | 2100 | 186.98 | 993 | 186.98 | 175.73 | 4.50 | 26567 | 15.69 | 12.91 | 14.45 | 13.53 | 11.63 |
| 8640 | 1324 | Die. | 28270 | 0 | 6 | 5.125x5.00 | 619 | 2100 | 228.75 | 993 | 228.75 | 208.38 | 4.63 | 27782 | 15.61 | 12.40 | 14.06 | 13.14 | 11.16 |
| 8650 | 1435 | Die. | 30270 | 0 | 6 | 5.125x5.00 | 619 | 2100 | 238.56 | 993 | 238.56 | 221.80 | 5.55 | 28257 | 15.53 | 12.65 | 14.26 | 13.22 | 11.52 |
| 8850 | 1434 | Die. | 37700 | 0 | 8 | 5.51x5.00 | 995 | 2100 | 303.99 | 996 | 303.99 | 274.25 | 5.23 | 35330 | 15.74 | 12.82 | 14.06 | 13.34 | 11.65 |

(1) With mechanical front wheel drive. (2) Supplementary test with radial ply tires.

# Ten-Year Summary of Test Reports, 1977-1986

| MAKE AND MODEL OF TRACTOR | Test No. | Fuel Used | Weight With Ballast | Lbs. Ballast Carried | ENGINE No. of Cylinders | Bore and Stroke | Displacement Cu. in. | Rated RPM | Max. PTO HP at Rated Engine RPM | Std. PTO RPM | Max. PTO HP Std. PTO RPM | Max. Drawbar HP | MPH at Max. Dwbr. HP | Max. Lbs. Pull | FUEL CONSUMPTION (HP Hours Per Gallon) at:- Max. PTO HP at Std. PTO RPM | PTO Average at Varying Power | —Varying Drawbar Power— Max. Available Power | 75% of Pull Max. Power | 50% of Pull at Max. Power |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Deutz** | | | | | | | | | | | | | | | | | | | |
| DX-90 | 1305 | Die. | 13150 | 3210 | 5 | 3.94x4.72 | 287 | 2300 | 84.47 | 1000 | 80.82 | 74.19 | 6.53 | 8786 | 16.45 | 14.15 | 13.81 | 14.07 | 12.39 |
| DX-110 | 1306 | Die. | 14940 | 2360 | 6 | 3.94x4.72 | 345 | 2300 | 100.29 | 1000 | 93.61 | 90.82 | 7.00 | 11773 | 15.10 | 13.71 | 13.52 | 14.03 | 12.60 |
| DX-120 | 1405 | Die. | 14950 | 1980 | 6 | 4.02x4.92 | 374 | 2400 | 111.29 | 1000 | 101.90 | 97.41 | 7.32 | 12615 | 16.40 | 13.84 | 13.59 | 13.48 | 12.03 |
| DX-130 | 1404 | Die. | 17630 | 3690 | 6 | 4.02x4.92 | 374 | 2300 | 121.27 | 1000 | 121.36 | 105.63 | 4.76 | 14406 | 17.63 | 13.77 | 14.14 | 13.10 | 11.26 |
| DX-160 | 1307 | Die. | 18710 | 3870 | 6 | 4.02x4.92 | 374 | 2200 | 145.41 | 1000 | 140.99 | 124.81 | 6.41 | 15172 | 17.82 | 14.47 | 14.56 | 13.95 | 11.93 |
| **Deutz Allis** | | | | | | | | | | | | | | | | | | | |
| 7085 | 1575 | Die. | 13660 | 3580 | 4 | 4.02x4.92 | 249 | 2300 | 85.18 | 1000 | 84.35 | 74.24 | 7.37 | 8417 | 16.89 | 14.03 | 14.40 | 13.76 | 12.00 |
| 7120 | 1576 | Die. | 17595 | 5465 | 6 | 4.02x4.92 | 374 | 2300 | 122.06 | 1000 | 123.15 | 103.63 | 6.20 | 10734 | 17.15 | 13.63 | 14.20 | 12.98 | 11.36 |
| **Deutz Fahr** | | | | | | | | | | | | | | | | | | | |
| DX 3.50 | 1574 | Die. | 8790 | 1530 | 3 | 4.02x4.92 | 187 | 2500 | 57.09 | 540 | 55.35 | 49.38 | 5.98 | 5587 | 15.47 | 13.20 | 12.95 | 13.46 | 11.63 |
| DX 6.50 | 1576 | Die. | 17595 | 5465 | 6 | 4.02x4.92 | 374 | 2300 | 122.06 | 1000 | 123.15 | 103.63 | 6.20 | 10734 | 17.15 | 13.63 | 14.20 | 12.98 | 11.36 |
| DX 4.70 | 1575 | Die. | 13660 | 3580 | 4 | 4.02x4.92 | 249 | 2300 | 85.18 | 1000 | 84.35 | 74.24 | 7.37 | 8417 | 16.89 | 14.03 | 14.40 | 13.76 | 12.00 |
| **Fiat** | | | | | | | | | | | | | | | | | | | |
| 420 | 1293 | Die. | 6035 | 2115 | 3 | 3.74x4.33 | 143 | 2200 | 41.34 | 540 | 37.45 | 37.71 | 5.65 | 5299 | 14.81 | 12.93 | 13.30 | 13.92 | 12.35 |
| 580 | 1292 | Die. | 9210 | 2580 | 3 | 4.055x4.33 | 168 | 2700 | 51.61 | 540 | 48.42 | 44.20 | 3.38 | 8899 | 14.93 | 12.59 | 12.14 | 12.70 | 10.50 |
| 780 | 1294 | Die. | 10230 | 2830 | 4 | 4.055x4.33 | 224 | 2500 | 70.36 | 540 | 66.30 | 64.43 | 4.06 | 7776 | 15.41 | 13.62 | 13.93 | 14.17 | 12.50 |
| **Ford** | | | | | | | | | | | | | | | | | | | |
| 1510 (12x4) Manual | 1500 | Die. | 3205 | 975 | 3 | 3.03x3.15 | 68.2 | 2800 | 19.72 | 540 | 20.45 | 16.99 | 6.92 | 1952 | 13.21 | 10.32 | 11.14 | 10.26 | 8.50 |
| 1510 (12x4) Synchro | 1501 | Die. | 3200 | 915 | 3 | 3.03x3.15 | 68.2 | 2800 | 19.98 | 540 | 18.68 | 16.83 | 6.70 | 1900 | 13.50 | 10.29 | 10.97 | 10.27 | 8.57 |
| 1700 | 1325 | Die. | 3725 | 1110 | 2 | 3.54x3.94 | 77.6 | 2500 | 23.26 | 540 | 23.02 | 20.21 | 5.54 | 2801 | 13.02 | 11.21 | 10.89 | 11.48 | 10.41 |
| 1710 (12x4) Manual | 1502 | Die. | 3510 | 1040 | 3 | 3.31x3.31 | 85.2 | 2700 | 23.88 | 540 | 22.19 | 21.02 | 7.06 | 2700 | 13.42 | 10.16 | 11.36 | 10.76 | 8.98 |
| 1710 (12x4) Synchro | 1503 | Die. | 3530 | 1060 | 3 | 3.31x3.31 | 85.2 | 2700 | 23.79 | 540 | 22.34 | 21.23 | 5.68 | 2680 | 13.18 | 9.92 | 11.04 | 10.56 | 8.81 |
| 1900 | 1326 | Die. | 4160 | 1225 | 3 | 3.35x3.31 | 87.2 | 2800 | 26.88 | 540 | 25.68 | 23.49 | 6.20 | 2964 | 12.58 | 10.38 | 10.41 | 10.89 | 9.32 |
| 1910 (12x4) Manual | 1507 | Die. | 4250 | 1270 | 3 | 3.346x3.937 | 103.9 | 2500 | 28.60 | 540 | 28.29 | 25.57 | 6.78 | 3340 | 12.79 | 10.32 | 11.14 | 10.86 | 9.17 |
| 1910 (12x4) Synchro | 1508 | Die. | 4325 | 1285 | 3 | 3.346x3.937 | 103.9 | 2500 | 28.52 | 540 | 28.30 | 25.62 | 6.79 | 3449 | 12.61 | 10.36 | 10.99 | 10.78 | 9.09 |
| 2110 (12x4) Manual | 1509 | Die. | 5105 | 1470 | 4 | 3.346x3.937 | 138.5 | 2500 | 34.79 | 540 | 34.91 | 30.80 | 7.01 | 3868 | 14.01 | 10.69 | 11.80 | 10.95 | 9.04 |
| 2110 (12x4) Synchro | 1510 | Die. | 5110 | 1450 | 4 | 3.346x3.937 | 138.5 | 2500 | 35.11 | 540 | 35.56 | 31.11 | 6.99 | 3728 | 14.01 | 10.71 | 11.77 | 11.11 | 9.35 |
| 2610 (8x2) | 1421 | Die. | 5940 | 1780 | 3 | 4.20x4.20 | 175 | 2000 | 36.69 | 540 | 35.14 | 31.45 | 5.52 | 4473 | 16.15 | 12.82 | 13.03 | 12.71 | 10.51 |
| 2810 | 1573 | Die. | 5935 | 1295 | 3 | 4.20x3.80 | 158 | 2000 | 32.83 | 540 | 31.82 | 29.14 | 5.88 | 4036 | 15.20 | 11.57 | 12.88 | 11.99 | 9.96 |
| 2910 (8x2) | 1491 | Die. | 5925 | 1295 | 3 | 4.20x4.20 | 175 | 2000 | 36.62 | 540 | 35.09 | 30.45 | 5.77 | 4237 | 16.04 | 12.51 | 13.18 | 12.31 | 11.59 |
| 2910 (8x4) | 1492 | Die. | 5955 | 1305 | 3 | 4.20x4.20 | 175 | 2000 | 36.40 | 540 | 34.75 | 31.03 | 5.68 | 4223 | 15.95 | 12.58 | 13.00 | 12.24 | 10.69 |
| 3610 (8x2) | 1422 | Die. | 6340 | 2070 | 3 | 4.40x4.20 | 192 | 2000 | 42.26 | 540 | 40.17 | 36.80 | 5.85 | 4964 | 15.95 | 12.65 | 13.37 | 12.69 | 11.20 |
| 3610 (8x4) | 1423 | Die. | 6340 | 2045 | 3 | 4.40x4.20 | 192 | 2000 | 42.47 | 540 | 40.01 | 35.57 | 8.55 | 4917 | 16.26 | 12.94 | 12.85 | 12.44 | 10.53 |
| 3910 (8x2) | 1493 | Die. | 6440 | 1760 | 3 | 4.40x4.20 | 192 | 2000 | 42.62 | 540 | 40.39 | 37.02 | 5.93 | 4931 | 15.86 | 12.48 | 13.33 | 12.66 | 10.71 |
| 3910 (8x4) | 1494 | Die. | 6435 | 1735 | 3 | 4.40x4.20 | 192 | 2000 | 42.67 | 540 | 41.16 | 36.22 | 5.85 | 4934 | 15.64 | 12.63 | 13.16 | 12.34 | 10.59 |
| 4110 (8x2) | 1424 | Die. | 7500 | 2850 | 3 | 4.40x4.40 | 201 | 2200 | 48.33 | 540 | 42.65 | 41.25 | 4.51 | 5681 | 16.37 | 12.64 | 13.26 | 12.34 | 10.76 |
| 4110 (8x4) | 1425 | Die. | 7500 | 2785 | 3 | 4.40x4.40 | 201 | 2200 | 49.26 | 540 | 44.06 | 40.59 | 4.92 | 5691 | 16.06 | 12.32 | 12.92 | 12.13 | 10.44 |
| 4610 (8x2) | 1426 | Die. | 8190 | 3095 | 3 | 4.40x4.40 | 201 | 2200 | 52.52 | 540 | 46.72 | 44.51 | 5.17 | 6402 | 16.78 | 13.17 | 13.96 | 13.25 | 11.60 |
| 4610 (8x4) | 1427 | Die. | 8230 | 3085 | 3 | 4.40x4.40 | 201 | 2200 | 52.32 | 540 | 47.30 | 43.26 | 5.62 | 6534 | 16.83 | 13.05 | 13.53 | 12.77 | 11.18 |
| 5610 (16x4) | 1428 | Die. | 9700 | 2325 | 4 | 4.40x4.20 | 256 | 2100 | 62.54 | 540 | 60.58 | 54.63 | 5.69 | 7408 | 15.57 | 12.38 | 12.82 | 12.44 | 10.30 |
| 5610 (16x8) | 1429 | Die. | 9545 | 3130 | 4 | 4.40x4.20 | 256 | 2100 | 62.57 | 540 | 59.99 | 53.70 | 6.57 | 7578 | 15.45 | 12.11 | 12.93 | 12.03 | 10.09 |
| 6610 (16x4) | 1430 | Die. | 9700 | 2270 | 4 | 4.40x4.40 | 268 | 2100 | 72.13 | 540 | 68.27 | 61.17 | 5.62 | 7887 | 15.64 | 13.14 | 13.40 | 12.90 | 10.77 |
| 6610 (16x8) | 1431 | Die. | 9700 | 2850 | 4 | 4.40x4.40 | 268 | 2100 | 72.30 | 540 | 69.20 | 62.64 | 6.49 | 7948 | 15.43 | 12.91 | 13.18 | 12.84 | 10.87 |
| 6700 16-Speed | 1244 | Die. | 9690 | 1180 | 4 | 4.40x4.20 | 256 | 2100 | 68.94 | 1000 | 68.62 | 58.06 | 7.55 | 6787 | 13.77 | 12.23 | 11.24 | 12.38 | 11.16 |
| 7610 (16x4) | 1432 | Die. | 10800 | 2220 | 4 | 4.40x4.40 | 268 | 2100 | 86.95 | 1000 | 86.79 | 74.22 | 5.53 | 8804 | 15.75 | 12.44 | 13.36 | 12.29 | 10.35 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7700 16 Speed | 1242 | Die. | 10800 | 2400 | 4 | 4.40x4.20 | 255 | 2100 | 84.38 | 1000 | 84.29 | 71.57 | 7.28 | 7688 | 15.24 | 11.65 | 11.92 | 11.21 | 9.71 |
| 7710 (16x8) | 1433 | Die. | 10800 | 2150 | 4 | 4.40x4.40 | 268 | 2100 | 86.62 | 1000 | 86.55 | 73.24 | 6.42 | 8638 | 15.87 | 12.60 | 13.67 | 12.26 | 10.35 |
| 8700 16 Speed | 1245 | Die. | 14760 | 2490 | 6 | 4.40x4.40 | 401 | 2300 | 110.58 | 1000 | 99.56 | 100.12 | 6.94 | 11581 | 15.02 | 11.91 | 12.37 | 12.28 | 10.93 |
| 9700 16 Speed | 1243 | Die. | 17480 | 4620 | 6 | 4.40x4.40 | 401 | 2200 | 135.64 | 1000 | 129.25 | 118.08 | 6.55 | 15010 | 15.95 | 11.77 | 12.63 | 11.97 | 10.34 |
| TW-5 | 1514 | Die. | 14430 | 1340 | 6 | 4.40x4.40 | 401 | 2300 | 105.74 | 1000 | 96.83 | 95.27 | 8.52 | 12249 | 15.52 | 12.42 | 13.14 | 12.91 | 11.38 |
| TW-10 | 1301 | Die. | 15190 | 2325 | 6 | 4.40x4.40 | 401 | 2300 | 110.24 | 1000 | 101.09 | 97.35 | 5.23 | 12006 | 14.86 | 11.50 | 12.17 | 11.91 | 10.20 |
| TW-15 | 1515 | Die. | 16010 | 2755 | 6 | 4.40x4.40 | 401 | 2200 | 121.40 | 1000 | 117.83 | 107.24 | 8.09 | 13247 | 16.90 | 12.39 | 13.83 | 12.80 | 10.88 |
| TW-15 FWD (2) | 1536 | Die. | 16680 | 2310 | 6 | 4.40x4.40 | 401 | 2200 | 121.25 | 1000 | 115.58 | 107.35 | 5.21 | 15939 | 16.95 | 12.39 | 13.96 | 12.65 | 10.68 |
| TW-20 | 1300 | Die. | 17180 | 3945 | 6 | 4.40x4.40 | 401 | 2200 | 135.60 | 1000 | 131.43 | 121.47 | 7.85 | 14155 | 16.22 | 11.78 | 13.08 | 12.04 | 10.09 |
| TW-25 | 1516 | Die. | 17965 | 2530 | 6 | 4.40x4.40 | 401 | 2200 | 140.68 | 1000 | 135.70 | 126.73 | 5.25 | 14871 | 16.66 | 12.58 | 13.89 | 13.02 | 11.20 |
| TW-30 | 1299 | Die. | 19830 | 5205 | 6 | 4.40x4.40 | 401 | 2200 | 163.28 | 1000 | 157.04 | 144.17 | 8.32 | 16553 | 16.76 | 12.49 | 13.67 | 12.58 | 10.79 |
| TW-35 | 1517 | Die. | 20270 | 4090 | 6 | 4.40x4.40 | 401 | 2200 | 170.30 | 1000 | 166.67 | 147.49 | 5.30 | 17054 | 17.41 | 13.81 | 14.31 | 13.91 | 12.18 |
| TW-35 FWD (2) | 1537 | Die. | 20270 | 3130 | 6 | 4.40x4.40 | 401 | 2200 | 171.12 | 1000 | 162.55 | 147.55 | 5.44 | 18823 | 17.58 | 14.09 | 14.42 | 13.71 | 12.04 |
| FW-20 | 1291 | Die. | 31000 | 1385 | 8 | 4.625x4.125 | 555 | 2850 | --- | --- | --- | 156.85 | 5.45 | 27155 | --- | --- | 12.12 | 11.69 | 10.15 |
| FW-30 | 1288 | Die. | 31720 | 410 | 8 | 5.500x4.750 | 903 | 2600 | (1) | --- | --- | 212.02 | 6.64 | 27803 | --- | --- | 13.71 | 12.24 | 10.08 |
| | | | | FW 30 without PTO | | | | | | | | 220.38 | 5.85 | 28302 | --- | --- | 14.16 | 12.73 | 10.96 |
| FW40 | 1290 | Die. | 32950 | 2320 | 8 | 5.500x4.750 | 903 | 2600 | --- | --- | --- | 238.78 | 6.60 | 28245 | --- | --- | 13.83 | 12.84 | 10.73 |
| FW60 | 1289 | Die. | 33970 | 2870 | 8 | 5.500x4.750 | 903 | 2600 | --- | --- | --- | 285.57 | 7.45 | 29304 | --- | --- | 14.90 | 13.38 | 11.27 |

(1) Equipped with controlled, hydrostatic pto with 105 output horsepower at 1000 rpm. (2) Drawbar test with front wheel assist engaged.

**Hesston Fiat**

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 466 12 Speed | 1484 | Die. | 6670 | 950 | 3 | 3.94x4.33 | 158 | 2600 | 45.13 | 540 | 42.68 | 40.03 | 5.79 | 4969 | 16.74 | 12.41 | 13.66 | 12.87 | 10.95 |
| 480 8 DT and | | | | | | | | | | | | | | | | | | | |
| 480 8 12 & 8 Speed | 1385 | Die. | 7805 | 2485 | 3 | 3.94x4.33 | 158 | 2600 | 42.58 | 540 | 40.36 | 37.07 | 5.07 | 5265 | 16.93 | 12.27 | 13.34 | 12.54 | 10.64 |
| 45 66DT | 1579 | Die. | 5400 | 950 | 3 | 3.937x4.528 | 165 | 2500 | 39.49 | 540 | 37.97 | 31.71 | 4.32 | 3148 | 16.65 | 12.11 | 12.36 | 11.23 | 9.46 |
| 55 66DT | 1560 | Die. | 6570 | 1105 | 3 | 3.937x4.528 | 165 | 2500 | 45.78 | 540 | 44.84 | 38.39 | 5.64 | 4608 | 16.36 | 12.77 | 12.98 | 12.80 | 11.27 |
| 60 66 DT | 1531 | Die. | 7460 | 1580 | 3 | 4.094x4.527 | 178.8 | 2500 | 51.49 | 540 | 48.51 | 45.51 | 5.53 | 3031 | 17.13 | 13.11 | 14.19 | 13.30 | 11.38 |
| 70 66DT | 1561 | Die. | 8705 | 2015 | 4 | 3.937x4.528 | 220.5 | 2500 | 62.72 | 1000 | 62.71 | 54.40 | 5.52 | 6217 | 17.20 | 13.67 | 14.64 | 13.61 | 11.54 |
| 70 90 | 1562 | Die. | 7775 | 490 | 4 | 3.937x4.528 | 220.5 | 2500 | 62.25 | 1000 | 61.94 | 54.64 | 5.62 | 6228 | 16.52 | 13.28 | 14.04 | 13.46 | 11.82 |
| 80 90 | 1563 | Die. | 9465 | 2155 | 4 | 4.094x4.527 | 238.5 | 2500 | 70.86 | 1000 | 69.25 | 61.52 | 5.56 | 7323 | 17.43 | 13.96 | 14.76 | 14.09 | 12.28 |
| 100 90 | 1580 | Die. | 11580 | 1860 | 6 | 3.937x4.527 | 331 | 2500 | 91.52 | 1000 | 90.57 | 79.42 | 6.07 | 7383 | 16.24 | 12.93 | 13.62 | 12.76 | 10.68 |
| 666 12 Speed | 1485 | Die. | 8715 | 2425 | 4 | 3.94x4.33 | 211 | 2500 | 62.40 | 540 | 60.33 | 54.31 | 5.51 | 5833 | 17.00 | 13.00 | 13.79 | 13.20 | 11.73 |
| 680DT & 680 8 Speed | 1352 | Die. | 10000 | 2660 | 4 | 3.94x4.33 | 211 | 2500 | 62.47 | 1000 | 61.20 | 53.65 | 5.44 | 6252 | 17.40 | 14.19 | 14.80 | 14.20 | 12.45 |
| 780 DT and | | | | | | | | | | | | | | | | | | | |
| 780 8 Speed | 1386 | Die. | 10100 | 3920 | 4 | 4.055x4.33 | 224 | 2500 | 70.57 | 540 | 66.67 | 62.06 | 7.61 | 6965 | 16.71 | 13.96 | 13.72 | 13.86 | 12.26 |
| 80 66 DT | 1532 | Die. | 9400 | 2685 | 4 | 4.094x4.527 | 238.5 | 2500 | 70.43 | 1000 | 68.91 | 62.73 | 5.47 | 4260 | 17.60 | 14.08 | 14.96 | 14.21 | 12.66 |
| 880 DT-5 & | | | | | | | | | | | | | | | | | | | |
| 880 5 12 Speed | 1353 | Die. | 11560 | 2810 | 5 | 4.055x4.331 | 280 | 2500 | 81.32 | 1000 | 80.95 | 70.73 | 7.63 | 7554 | 16.27 | 13.23 | 13.50 | 13.44 | 11.65 |
| 980DT & 980 16 Speed | 1354 | Die. | 12645 | 3795 | 6 | 3.937x4.33 | 316 | 2400 | 91.12 | 996 | 91.12 | 77.42 | 5.00 | 8351 | 16.90 | 13.92 | 14.25 | 13.59 | 12.25 |
| 1180 DT Turbo | 1450 | Die. | 16885 | 1935 | 6 | 4.055x4.33 | 335 | 2550 | 107.48 | 1000 | 104.22 | 93.71 | 4.37 | 12905 | 16.40 | 12.54 | 14.16 | 12.74 | 10.42 |
| 1380DT, 1380 | 1409 | Die. | 16995 | 1795 | 6 | 4.055x4.33 | 335 | 2400 | 123.16 | 1000 | 123.54 | 104.97 | 8.08 | 13105 | 16.49 | 13.30 | 13.60 | 13.01 | 11.62 |
| 130 90DT Turbo | 1564 | Die. | 16385 | 660 | 6 | 4.094x4.527 | 358 | 2500 | 107.48 | 1000 | 106.80 | 90.77 | 5.12 | 11805 | 16.43 | 12.07 | 13.83 | 12.17 | 9.85 |
| 140 90 DT Turbo | 1533 | Die. | 16425 | 375 | 6 | 4.094x4.527 | 358 | 2500 | 123.35 | 1000 | 122.83 | 105.81 | 5.05 | 12687 | 17.12 | 13.04 | 14.40 | 13.16 | 11.13 |
| 1580DT Turbo | 1451 | Die. | 19060 | 2460 | 6 | 4.528x5.118 | 494 | 2200 | 141.44 | 1000 | 136.14 | 124.15 | 5.48 | 15342 | 17.28 | 13.49 | 14.70 | 13.53 | 11.47 |
| 160 90 DT Turbo | 1534 | Die. | 18370 | 1075 | 6 | 4.528x5.118 | 494 | 2200 | 141.71 | 1000 | 143.91 | 122.23 | 5.32 | 13848 | 17.53 | 13.61 | 14.38 | 13.62 | 11.84 |
| 160 90 Powershift | 1603 | Die. | 18220 | 300 | 6 | 4.528x5.118 | 494 | 2200 | 142.64 | 1000 | 141.40 | 126.34 | 4.44 | 18256 | 17.35 | 13.87 | 14.53 | 13.58 | 12.07 |
| 1880DT, 1880 | 1410 | Die. | 19710 | 3020 | 6 | 4.528x5.118 | 494 | 2200 | 162.48 | 1000 | 159.83 | 138.81 | 5.44 | 15656 | 17.86 | 14.13 | 14.82 | 14.25 | 12.29 |
| 180 90 DT Turbo | 1535 | Die. | 19725 | 2430 | 6 | 4.528x5.118 | 494 | 2200 | 162.87 | 1000 | 158.66 | 140.45 | 6.40 | 14713 | 16.77 | 13.07 | 14.03 | 13.30 | 11.06 |
| 180 90 Turbo P.S. | 1581 | Die. | 19570 | 1745 | 6 | 4.528x5.118 | 494 | 2200 | 162.15 | 1000 | 161.07 | 141.63 | 5.33 | 14920 | | | | | |

**International Harvester**

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hydro 84 | 1316 | Die. | 9120 | 3115 | 4 | 3.937x5.062 | 246 | 2400 | 58.73 | 540 | 56.68 | 43.59 | 7.60 | 6572 | 14.01 | 10.50 | 10.13 | 9.82 | 8.34 |
| Hydro 86 | 1337 | Die. | 10710 | 2545 | 6 | 3.875x4.375 | 310 | 2400 | 70.89 | 540 | 66.64 | 54.10 | 4.03 | 8815 | 14.18 | 10.23 | 9.92 | 9.55 | 8.24 |
| Hydro 186 | 1257 | Die. | 13430 | 295 | 6 | 4.300x5.000 | 436 | 2400 | 105.02 | 1000 | 100.31 | 82.77 | 6.56 | 11312 | 13.68 | 10.06 | 9.83 | 9.83 | 8.46 |
| 284 | 1277 | Gas. | 3596 | 1166 | 4 | 2.756x2.992 | 71.3 | 2600 | 25.75 | 1000 | 24.33 | 20.64 | 4.02 | 2561 | 11.62 | 9.54 | 9.77 | 8.97 | 7.52 |
| 284 8 Speed | 1387 | Die. | 3600 | 860 | 3 | 3.27x3.94 | 99 | 2600 | 27.47 | 540 | 23.92 | 23.52 | 5.71 | 2523 | 14.40 | 10.91 | 10.99 | 10.53 | 9.18 |
| 484 Utility | 1312 | Die. | 7710 | 2710 | 3 | 3.875x5.06 | 179 | 2200 | 42.42 | 540 | 41.79 | 38.06 | 4.78 | 5500 | 14.81 | 11.85 | 12.75 | 12.39 | 10.63 |
| 584 Utility & Rowcrop | 1313 | Die. | 8850 | 3185 | 4 | 3.875x4.38 | 206 | 2300 | 52.54 | 540 | 50.96 | 47.47 | 5.07 | 6859 | 15.23 | 12.34 | 13.41 | 12.95 | 11.10 |
| 684 Utility & Rowcrop | 1314 | Die. | 9660 | 3825 | 4 | 3.875x5.06 | 239 | 2400 | 62.52 | 540 | 58.75 | 55.92 | 5.29 | 6858 | 15.55 | 12.21 | 13.27 | 13.02 | 11.28 |
| 686 10 Speed | 1336 | Die. | 10340 | 2360 | 6 | 3.875x4.375 | 310 | 2000 | 66.36 | 543 | 66.36 | 58.81 | 5.08 | 8043 | 16.07 | 13.16 | 13.93 | 13.27 | 11.53 |
| 784 Rowcrop | 1315 | Die. | 9920 | 3830 | 4 | 3.937x5.062 | 246 | 2400 | 67.48 | 1000 | 64.09 | 58.65 | 5.18 | 8105 | 16.06 | 12.75 | 13.25 | 12.77 | 11.07 |
| 786 16 Speed | 1388 | Die. | 11930 | 340 | 6 | 3.875x5.0625 | 358 | 2400 | 80.20 | 1000 | 77.41 | 70.25 | 4.74 | 9968 | 15.72 | 11.40 | 12.72 | 11.88 | 10.00 |
| 884 Rowcrop | 1376 | Die. | 10150 | 3945 | 4 | 3.937x5.51 | 268 | 2400 | 72.91 | 1000 | 69.76 | 65.39 | 5.54 | 8116 | 15.76 | 12.47 | 13.48 | 12.91 | 11.05 |

(continued)

# Ten-Year Summary of Test Reports, 1977-1986

| MAKE AND MODEL OF TRACTOR | Test No. | Fuel Used | Weight With Ballast | Lbs. Ballast Carried | ENGINE No. of Cylinders | ENGINE Bore and Stroke | ENGINE Displacement Cu. in. | ENGINE Rated RPM | Max. PTO HP at Rated Engine RPM | Std. PTO RPM | Max. PTO HP Std. PTO RPM | Max. Drawbar HP | MPH at Max. Dwbr. HP | Max. Lbs. Pull | FUEL CONSUMPTION (HP Hours Per Gallon) at:— Max. PTO HP at Std. PTO RPM | PTO Average at Varying Power | —Varying Drawbar Power— Max. Available Power | 75% of Pull Max. Power | 50% of Pull at Max. Power |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **International Harvester** (cont.) | | | | | | | | | | | | | | | | | | | |
| 886 | 1254 | Die. | 13040 | 970 | 6 | 3.875x5.085 | 360 | 2400 | 86.14 | 1000 | 83.16 | 76.16 | 4.70 | 10485 | 14.29 | 10.55 | 11.77 | 10.92 | 9.21 |
| 886 16 Speed | 1338 | Die. | 13450 | 1710 | 6 | 3.875x5.063 | 358 | 2400 | 86.57 | 1000 | 83.91 | 76.25 | 4.69 | 10807 | 16.01 | 11.77 | 12.97 | 12.21 | 10.62 |
| 886 16 Speed (1) | 1339 | Die. | 13450 | 1710 | 6 | 3.875x5.063 | 358 | 2400 | 90.56 | 1000 | 88.23 | 80.13 | 4.69 | 10930 | 15.84 | 11.98 | 12.81 | 12.38 | 10.86 |
| (1) Serial No. 2490208 U17026 and up. | | | | | | | | | | | | | | | | | | | |
| 986 | 1255 | Die. | 14000 | 970 | 6 | 4.30x5.00 | 436 | 2400 | 105.68 | 1000 | 104.18 | 94.60 | 4.98 | 12176 | 15.56 | 11.34 | 12.65 | 11.72 | 10.02 |
| 1086 w/Radial Tires | 1247 | Die. | 15640 | 2915 | 6 | 4.30x4.75 | 414 | 2400 | 131.41 | 1000 | 133.67 | 116.28 | 4.40 | 13503 | 16.39 | 11.90 | 13.28 | 12.36 | 10.45 |
| 1086 w/Bias Ply Tires | 1247 | Die. | 15640 | 3100 | 6 | 4.30x4.75 | 414 | 2400 | 131.41 | 1000 | 133.67 | 114.14 | 6.66 | 12137 | 16.39 | 11.90 | 12.83 | 12.08 | 10.52 |
| 1586 w/Radial Tires | 1248 | Die. | 17600 | 2480 | 6 | 4.30x5.00 | 436 | 2500 | 161.55 | 1000 | 156.09 | 140.65 | 5.55 | 16665 | 16.51 | 12.28 | 13.02 | 12.38 | 10.51 |
| 1586 w/Bias Ply Tires | 1248 | Die. | 17600 | 3010 | 6 | 4.30x5.00 | 436 | 2500 | 161.55 | 1000 | 156.09 | 140.08 | 6.05 | 15124 | 16.51 | 12.28 | 12.74 | 12.38 | 10.54 |
| 3088 16 Speed | 1551 | Die. | 12500 | 560 | 6 | 3.875x5.062 | 358 | 2400 | 81.35 | 1000 | 80.28 | 71.20 | 5.16 | 5100 | 16.03 | 11.36 | 12.84 | 11.59 | 9.76 |
| 3288 | 1438 | Die. | 13560 | 1800 | 6 | 3.87x5.062 | 358 | 2400 | 90.46 | 1000 | 88.33 | 80.72 | 6.11 | 11486 | 15.94 | 11.69 | 13.16 | 12.31 | 10.27 |
| 3388 | 1319 | Die. | 17850 | 430 | 6 | 4.30x5.00 | 436 | 2400 | 130.61 | 1000 | 128.59 | 114.42 | 6.67 | 16764 | 16.85 | 12.00 | 13.52 | 12.17 | 10.09 |
| 3488 Hydro | 1439 | Die. | 13940 | 1060 | 6 | 4.30x5.35 | 466 | 2400 | 112.56 | 1000 | 107.11 | 83.43 | 6.50 | 12152 | 15.28 | 10.64 | 10.00 | 9.73 | 8.43 |
| 3588 | 1320 | Die. | 18890 | 1270 | 6 | 4.30x5.35 | 466 | 2400 | 150.41 | 1000 | 152.07 | 130.94 | 6.65 | 17589 | 16.98 | 12.19 | 13.13 | 12.20 | 10.30 |
| 3688 | 1440 | Die. | 14335 | 1135 | 6 | 4.30x5.00 | 436 | 2400 | 113.72 | 1000 | 112.48 | 100.28 | 7.36 | 12250 | 15.75 | 11.82 | 13.30 | 12.35 | 10.38 |
| 3788 12 Speed | 1377 | Die. | 20820 | 2200 | 6 | 4.30x5.35 | 466 | 2500 | 170.57 | 1000 | 166.39 | 146.43 | 7.49 | 19069 | 17.12 | 12.22 | 13.24 | 12.25 | 10.06 |
| 4386 | 1256 | Die. | 24930 | 0 | 6 | 4.30x5.35 | 466 | 2600 | --- | --- | --- | 176.02 | 8.71 | 23321 | --- | --- | 12.43 | 11.92 | 10.18 |
| 4786 | 1317 | Die. | 34350 | 4150 | 8 | 5.31x4.50 | 798 | 2600 | --- | --- | --- | 265.55 | 4.79 | 33468 | --- | --- | 12.80 | 11.92 | 9.86 |
| 5088 (2) | 1419 | Die. | 16250 | 240 | 6 | 4.30x5.00 | 436 | 2400 | 136.12 | 1005 | 136.12 | 121.17 | 5.06 | 14960 | 15.32 | 11.65 | 13.23 | 12.04 | 9.90 |
| 5288 | 1420 | Die. | 18585 | 1530 | 6 | 4.30x5.35 | 466 | 2400 | 162.60 | 1005 | 162.60 | 142.37 | 5.27 | 17577 | 16.07 | 12.62 | 13.70 | 12.77 | 10.75 |
| 5483 | 1441 | Die. | 20005 | 2765 | 6 | 4.30x5.35 | 466 | 2400 | 187.22 | 1005 | 187.22 | 164.82 | 5.27 | 18646 | 16.20 | 13.00 | 14.16 | 13.15 | 11.21 |
| (2) Drawbar information is from test run with radial ply tires. | | | | | | | | | | | | | | | | | | | |
| **Kubota** | | | | | | | | | | | | | | | | | | | |
| L185 | 1285 | Die. | 3370 | 1430 | 2 | 3.000x3.23 | 45.3 | 2800 | 15.33 | 540 | 14.07 | 13.03 | 5.57 | 1939 | 13.60 | 10.90 | 10.38 | 10.82 | 9.26 |
| L185DT | 1286 | Die. | 3415 | 1283 | 2 | 3.000x3.23 | 45.3 | 2800 | 15.45 | 540 | 14.16 | 12.58 | 3.74 | 1871 | 13.49 | 11.00 | 10.22 | 10.53 | 9.04 |
| L235 | 1406 | Die. | 3715 | 1280 | 3 | 3.00x3.23 | 68 | 2600 | 19.59 | 540 | 19.63 | 16.05 | 4.68 | 2440 | 14.33 | 11.34 | 11.33 | 10.85 | 9.23 |
| L245 | 1283 | Die. | 3694 | 1498 | 3 | 3.00x3.23 | 68 | 2800 | 22.06 | 540 | 20.11 | 18.66 | 5.74 | 2067 | 13.98 | 11.07 | 10.74 | 10.70 | 9.16 |
| L245DT | 1284 | Die. | 3792 | 1410 | 3 | 3.00x3.23 | 68 | 2800 | 22.35 | 540 | 20.15 | 18.55 | 5.78 | 1903 | 14.33 | 11.21 | 10.97 | 10.61 | 9.37 |
| L275 | 1407 | Die. | 4055 | 1430 | 3 | 3.23x3.23 | 79.3 | 2600 | 23.42 | 540 | 23.01 | 19.70 | 4.84 | 2717 | 14.57 | 11.55 | 11.62 | 11.07 | 9.95 |
| L295DT and L295 8 Speed | 1370 | Die. | 4700 | 1805 | 3 | 3.23x3.23 | 79.3 | 2800 | 26.46 | 540 | 24.91 | 22.82 | 4.34 | 3155 | 14.59 | 11.75 | 11.57 | 11.39 | 9.58 |
| L305DT and L305 8 Speed | 1371 | Die. | 5360 | 2070 | 3 | 3.23x3.23 | 79.3 | 2800 | 26.21 | 540 | 25.14 | 22.96 | 4.16 | 3918 | 13.83 | 11.14 | 11.15 | 11.13 | 9.46 |
| L345DT and | | | | | | | | | | | | | | | 12.76 | 10.58 | 10.68 | 10.81 | 9.15 |
| L345 8 Speed | 1372 | Die. | 5435 | 2000 | 4 | 3.00x3.23 | 90.7 | 2800 | 29.35 | 540 | 28.80 | 26.72 | 4.62 | 3795 | 17.18 | 13.38 | 13.46 | 12.36 | 10.67 |
| L2250 4WD | 1585 | Die. | 3130 | 530 | 3 | 3.23x3.23 | 79.3 | 2600 | 21.15 | 540 | 21.45 | 17.28 | 5.04 | 2103 | 16.52 | 13.37 | 13.27 | 12.39 | 10.55 |
| L2550 4WD | 1586 | Die. | 3850 | 1100 | 3 | 3.35x3.23 | 85.1 | 2600 | 23.98 | 541 | 24.24 | 20.23 | 5.22 | 2446 | 16.98 | 13.07 | 13.49 | 12.68 | 10.92 |
| L2850 4WD | 1587 | Die. | 4580 | 1615 | 4 | 3.23x3.23 | 105.7 | 2600 | 27.51 | 540 | 27.96 | 2402 | 5.02 | 3143 | 17.13 | 13.52 | 13.32 | 12.78 | 11.08 |
| L3350 4WD | 1588 | Die. | 5340 | 1155 | 4 | 3.35x3.23 | 113.6 | 2600 | 32.86 | 540 | 33.29 | 27.49 | 4.92 | 3434 | 17.12 | 13.24 | 13.14 | 12.81 | 11.07 |
| L4150 4WD | 1556 | Die. | 6365 | 1640 | 5 | 3.35x3.23 | 142 | 2600 | 40.64 | 540 | 40.22 | 34.50 | 5.47 | 4257 | 17.19 | 13.48 | 13.80 | 12.92 | 11.16 |
| M4030DT | 1594 | Die. | 7375 | 2415 | 6 | 3.23x3.23 | 158 | 2600 | 44.05 | 540 | 44.08 | 36.91 | 6.02 | 4005 | | | | | |
| M4050DT and M4050 8 Speed | 1495 | Die. | 7215 | 2275 | 6 | 3.23x3.23 | 158.5 | 2600 | 45.74 | 540 | 42.10 | 37.61 | 5.99 | 4259 | 15.06 | 11.57 | 11.67 | 11.52 | 9.88 |
| M4500DT & M4500 16 Speed | 1348 | Die. | 7800 | 2635 | 6 | 3.23x3.23 | 158.5 | 2600 | 49.72 | 540 | 44.49 | 42.50 | 6.16 | 4812 | 15.19 | 12.22 | 11.90 | 12.02 | 10.77 |
| M4950DT & M4950 12 Speed | 1496 | Die. | 8195 | 2395 | 6 | 3.35x3.23 | 170 | 2600 | 49.57 | 540 | 45.47 | 41.43 | 4.68 | 5292 | 14.70<br>17.28 | 11.21<br>13.58 | 11.49<br>13.72 | 11.15<br>13.34 | 9.26<br>11.67 |
| M5030DT | 1595 | Die. | 8120 | 2985 | 6 | 3.35x3.23 | 170 | 2600 | 49.77 | 540 | 48.94 | 42.00 | 4.90 | 4592 | | | | | |
| M5500DT and M5500 16 Speed | 1369 | Die. | 8710 | 3210 | 3 | 4.134x4.528 | 182 | 2400 | 53.99 | 540 | 49.18 | 46.96 | 5.51 | 6287 | 16.22 | 12.44 | 13.05 | 12.77 | 11.05 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **M5950DT &** | | | | | | | | | | | | | | | | | | |
| M5950 12 Speed | 1497 | Die. | 9220 | 3100 | 3 | 4.29x4.53 | 196 | 2400 | 58.00 | 540 | 52.81 | 49.29 | 5.09 | 5749 | 17.08 | 13.44 | 13.64 | 13.53 | 11.83 |
| M6030DT | 1596 | Die. | 8970 | 3590 | 3 | 4.29x4.53 | 196 | 2400 | 57.74 | 540 | 53.57 | 48.11 | 5.54 | 5330 | 16.96 | 13.32 | 13.28 | 13.32 | 11.68 |
| **M6950DT &** | | | | | | | | | | | | | | | | | | | |
| M6950 12 Speed | 1498 | Die. | 9575 | 2530 | 4 | 4.13x4.53 | 243 | 2400 | 66.44 | 540 | 63.96 | 56.74 | 5.02 | 6517 | 16.98 | 13.26 | 13.72 | 13.28 | 11.33 |
| M7030DT | 1597 | Die. | 9405 | 3205 | 4 | 4.13x4.53 | 243 | 2400 | 68.87 | 540 | 64.38 | 58.49 | 5.23 | 5896 | 17.43 | 13.68 | 14.03 | 13.80 | 11.97 |
| **M7500DT &** | | | | | | | | | | | | | | | | | | | |
| M7500 16 Speed | 1349 | Die. | 9510 | 3530 | 4 | 4.13x4.53 | 243 | 2400 | 72.34 | 540 | 66.54 | 61.29 | 6.65 | 6327 | 17.83 | 14.15 | 13.93 | 14.20 | 12.40 |
| **M7950DT &** | | | | | | | | | | | | | | | | | | | |
| M7950 12 Speed | 1499 | Die. | 10305 | 3205 | 4 | 4.29x4.53 | 262 | 2400 | 75.44 | 540 | 69.32 | 65.24 | 5.26 | 7244 | 17.14 | 13.57 | 13.88 | 13.82 | 11.93 |
| M8030DT | 1598 | Die. | 9970 | 3640 | 4 | 4.29x4.53 | 262 | 2400 | 76.91 | 540 | 70.47 | 64.37 | 6.97 | 6503 | 17.23 | 13.71 | 13.70 | 13.54 | 11.95 |
| M8950DT | 1557 | Die. | 12270 | 2540 | 4 | 4.29x4.53 | 262 | 2400 | 85.63 | 1005 | 85.63 | 71.13 | 7.53 | 7974 | 16.21 | 12.91 | 12.96 | 12.37 | 10.36 |
| **Lamborghini** | | | | | | | | | | | | | | | | | | | |
| 1056DT | 1269 | Die. | 12050 | 1700 | 6 | 3.86x4.72 | 331 | 2220 | 92.13 | 1000 | 89.98 | 79.51 | 6.86 | 9135 | 15.16 | 13.02 | 12.45 | 12.74 | 10.93 |
| **Leyland** | | | | | | | | | | | | | | | | | | | |
| 472 & 272 9 Speed | 1341 | Die. | 11990 | 4580 | 4 | 3.858x4.921 | 230 | 2200 | 63.52 | 540 | 58.50 | 53.27 | 5.91 | 7224 | 14.97 | 12.28 | 11.32 | 11.67 | 10.48 |
| 482 & 282 9 Speed | 1340 | Die. | 12000 | 4590 | 4 | 3.858x4.921 | 230 | 2200 | 74.28 | 540 | 70.86 | 61.19 | 5.86 | 7032 | 17.58 | 12.63 | 12.70 | 12.10 | 10.09 |
| **Long** | | | | | | | | | | | | | | | | | | | |
| 360 | 1298 | Die. | 6410 | 1930 | 3 | 3.74x4.33 | 143 | 2400 | 36.16 | 540 | 31.06 | 31.91 | 5.20 | 4808 | 14.41 | 11.97 | 12.45 | 12.13 | 10.48 |
| 510 | 1415 | Die. | 8210 | 3925 | 3 | 4.02x4.33 | 164.5 | 2400 | 49.15 | 540 | 46.91 | 43.27 | 5.14 | 6040 | 15.74 | 13.48 | 13.15 | 13.52 | 12.24 |
| 510DTC | 1416 | Die. | 9100 | 3835 | 3 | 4.02x4.33 | 164.5 | 2400 | 49.35 | 540 | 46.41 | 41.37 | 4.63 | 5635 | 16.47 | 13.72 | 13.68 | 13.30 | 11.69 |
| 610 | 1417 | Die. | 8985 | 4290 | 4 | 4.02x4.33 | 219 | 2400 | 64.33 | 540 | 60.57 | 57.48 | 5.37 | 7018 | 15.93 | 13.46 | 13.58 | 13.51 | 11.92 |
| **Massey-Ferguson** | | | | | | | | | | | | | | | | | | | |
| MF154-4 | 1411 | Die. | 6920 | 1615 | 3 | 3.60x5.00 | 152 | 2250 | 42.52 | 540 | 40.38 | 35.40 | 4.52 | 4144 | 17.26 | 13.41 | 13.79 | 13.00 | 11.42 |
| MF184-4 12 Speed | 1392 | Die. | 7775 | 1395 | 4 | 3.875x5.0 | 236 | 2200 | 62.45 | 540 | 59.56 | 52.38 | 7.13 | 5500 | 16.41 | 12.37 | 12.61 | 12.11 | 10.69 |
| MF205 6 Speed | 1363 | Die. | 2840 | 935 | 2 | 3.46x3.46 | 65.2 | 2400 | 16.56 | 540 | 16.34 | 13.45 | 4.39 | 1995 | 12.97 | 9.62 | 9.98 | 9.65 | 8.03 |
| MF205-4 6 Speed | 1364 | Die. | 3120 | 905 | 2 | 3.46x3.46 | 65.2 | 2400 | 16.40 | 540 | 16.18 | 13.57 | 4.86 | 2131 | 12.83 | 9.69 | 10.04 | 9.57 | 8.02 |
| MF210 12 Speed | 1365 | Die. | 3550 | 1090 | 2 | 3.62x3.74 | 77.1 | 2500 | 21.96 | 540 | 21.23 | 18.08 | 5.81 | 2159 | 13.61 | 11.04 | 10.84 | 10.53 | 9.36 |
| MF210-4 12 Speed | 1366 | Die. | 3765 | 1030 | 2 | 3.62x3.74 | 77.1 | 2500 | 21.77 | 540 | 21.02 | 17.60 | 6.91 | 2158 | 13.18 | 10.75 | 9.97 | 10.44 | 8.61 |
| MF220 12 Speed | 1367 | Die. | 4220 | 1455 | 2 | 3.82x3.94 | 90.3 | 2500 | 26.37 | 540 | 25.52 | 23.95 | 4.34 | 3287 | 13.36 | 11.07 | 11.22 | 11.60 | 10.17 |
| MF220-4 12 Speed | 1368 | Die. | 4487 | 1307 | 2 | 3.82x3.94 | 90.3 | 2500 | 26.48 | 540 | 26.06 | 22.91 | 3.84 | 3496 | 14.09 | 11.56 | 11.09 | 11.55 | 10.02 |
| MF240 8 Speed | 1519 | Die. | 4985 | 770 | 3 | 3.60x5.00 | 152 | 2000 | 34.77 | 540 | 31.89 | 29.39 | 5.30 | 3824 | 16.10 | 13.18 | 13.72 | 13.35 | 11.59 |
| MF245 | 1251 | Die. | 6150 | 2100 | 3 | 3.60x5.00 | 152 | 2250 | 42.90 | 540 | 36.50 | 36.75 | 5.92 | 4279 | 16.25 | 12.72 | 12.43 | 12.79 | 11.13 |
| MF245 | 1252 | Gas. | 6020 | 2120 | 4 | 3.375x4.062 | 145 | 2250 | 41.09 | 540 | 34.15 | 35.50 | 5.90 | 4298 | 11.74 | 9.07 | 9.50 | 9.07 | 7.88 |
| MF250 8 Speed | 1520 | Die. | 5760 | 1175 | 3 | 3.60x5.00 | 152 | 2250 | 40.86 | 540 | 36.93 | 35.07 | 5.81 | 4297 | 15.80 | 12.38 | 12.92 | 12.50 | 10.72 |
| MF254 12 Speed | 1478 | Die. | 7275 | 1790 | 3 | 3.60x5.00 | 152 | 2250 | 43.36 | 540 | 40.71 | 35.14 | 5.82 | 3844 | 16.58 | 13.43 | 12.84 | 12.51 | 10.62 |
| MF255 12 Speed | 1250 | Die. | 7310 | 895 | 4 | 3.875x5.00 | 236 | 2000 | 52.68 | 540 | 48.37 | 44.75 | 7.89 | 5591 | 16.92 | 12.70 | 13.34 | 12.82 | 11.03 |
| MF270 8 Speed | 1521 | Die. | 8195 | 1295 | 4 | 3.875x5.00 | 236 | 2000 | 55.85 | 540 | 52.75 | 47.08 | 4.96 | 5896 | 16.79 | 12.99 | 13.44 | 13.10 | 11.22 |
| MF274 12 Speed | 1479 | Die. | 8190 | 2205 | 4 | 3.875x5.00 | 236 | 2200 | 55.39 | 540 | 54.26 | 46.76 | 6.56 | 4719 | 17.25 | 12.80 | 13.76 | 12.66 | 10.59 |
| MF290 12 Speed | 1522 | Die. | 9070 | 3130 | 4 | 3.975x5.00 | 248 | 2200 | 65.92 | 540 | 59.37 | 56.36 | 6.44 | 7654 | 16.58 | 12.75 | 13.24 | 12.76 | 10.98 |
| MF294 12 Speed | 1480 | Die. | 8645 | 1925 | 4 | 3.975x5.00 | 248 | 2100 | 67.39 | 540 | 64.94 | 56.28 | 5.77 | 5665 | 17.58 | 14.53 | 14.68 | 13.95 | 12.54 |
| MF296 8 Speed | 1523 | Die. | 11040 | 3070 | 4 | 4.50x5.00 | 318 | 2000 | 79.54 | 1000 | 73.66 | 69.74 | 5.14 | 8712 | 16.31 | 12.88 | 13.47 | 13.14 | 11.55 |
| MF298 12 Speed | 1524 | Die. | 10950 | 2935 | 4 | 4.50x5.00 | 318 | 2000 | 79.26 | 1000 | 74.25 | 67.85 | 7.73 | 8663 | 15.72 | 11.93 | 12.40 | 12.39 | 10.79 |
| MF670 & 270 12 Speed | 1538 | Die. | 9200 | 480 | 4 | 3.875x5.00 | 236 | 2000 | 55.62 | 1000 | 51.44 | 46.05 | 4.87 | 6382 | 16.39 | 12.37 | 12.93 | 12.10 | 10.25 |
| MF690 12 Speed | 1539 | Die. | 10295 | 2275 | 4 | 3.975x5.00 | 248 | 2200 | 65.68 | 540 | 62.25 | 54.78 | 4.77 | 7650 | 15.51 | 11.96 | 12.01 | 11.79 | 9.82 |
| MF698 12 Speed | 1540 | Die. | 12125 | 2185 | 4 | 4.50x5.00 | 318 | 2000 | 78.83 | 540 | 74.41 | 68.38 | 4.56 | 8707 | 15.91 | 11.91 | 12.55 | 12.24 | 10.59 |
| MF699 12 Speed | 1541 | Die. | 12935 | 2610 | 6 | 3.875x5.000 | 354 | 2200 | 85.79 | 540 | 78.00 | 71.71 | 4.69 | 8712 | 16.96 | 12.87 | 13.51 | 12.66 | 10.64 |
| MF1020 | 1552 | Die. | 2930 | 700 | 3 | 2.953x3.347 | 68.7 | 2350 | 17.08 | 540 | 16.24 | 14.59 | 5.01 | 1771 | 12.53 | 10.51 | 10.36 | 10.44 | 9.39 |
| MF1030 | 1553 | Die. | 3915 | 925 | 3 | 3.228x3.543 | 87 | 2500 | 23.35 | 540 | 22.80 | 18.66 | 5.70 | 2277 | 12.97 | 10.31 | 10.04 | 9.82 | 8.30 |
| MF1040 | 1554 | Die. | 4715 | 915 | 3 | 3.622x3.937 | 121.7 | 2500 | 27.73 | 540 | 25.80 | 22.57 | 5.52 | 2795 | 12.98 | 10.01 | 10.07 | 9.53 | 7.84 |
| MF2640 16 Speed | 1481 | Die. | 16380 | 3945 | 6 | 3.875x5.00 | 354 | 2400 | 90.95 | 1000 | 87.60 | 74.83 | 6.58 | 10623 | 15.81 | 11.67 | 12.15 | 11.46 | 9.70 |
| MF2675 8 Speed | 1321 | Die. | 14280 | 1930 | 6 | 3.875x5.00 | 354 | 2500 | 100.84 | 1000 | 95.00 | 86.18 | 5.91 | 10226 | 15.00 | 11.14 | 11.48 | 11.57 | 10.01 |
| MF2675 24 Speed | 1309 | Die. | 14495 | 2065 | 6 | 3.875x5.00 | 354 | 2500 | 103.29 | 1000 | 96.67 | 87.47 | 5.09 | 9674 | 15.43 | 11.56 | 11.76 | 11.49 | 9.95 |
| MF2705 8 Speed | 1322 | Die. | 16800 | 4295 | 6 | 3.875x5.00 | 354 | 2500 | 121.11 | 1000 | 114.44 | 101.47 | 6.17 | 12588 | 16.84 | 11.22 | 12.54 | 11.30 | 9.45 |
| MF2705 24 Speed | 1310 | Die. | 17490 | 4895 | 6 | 3.875x5.00 | 354 | 2500 | 122.20 | 1000 | 115.85 | 104.23 | 5.30 | 13085 | 16.65 | 11.22 | 12.74 | 11.27 | 9.23 |
| MF2745 | 1311 | Die. | 19490 | 4300 | 8 | 4.25x4.75 | 539 | 2600 | 143.40 | 1000 | 132.21 | 125.17 | 5.51 | 15386 | 15.40 | 10.62 | 11.96 | 11.13 | 9.39 |
| MF2775 | 1278 | Die. | 20440 | 4210 | 8 | 4.63x4.75 | 640 | 2600 | 165.95 | 1000 | 149.86 | 143.70 | 5.72 | 17407 | 16.05 | 11.50 | 12.57 | 11.52 | 9.85 |
| MF2775 8 Speed | 1389 | Die. | 20170 | 4365 | 8 | 4.63x4.75 | 640 | 2600 | 162.09 | 1000 | 146.87 | 139.68 | 5.73 | 16766 | 15.78 | 11.19 | 12.45 | 11.68 | 9.56 |
| MF2805 24 Speed | 1258 | Die. | 21170 | 5540 | 8 | 4.63x4.75 | 640 | 2500 | 194.62 | 1000 | 181.77 | 160.72 | 7.10 | 17369 | 16.29 | 11.33 | 12.21 | 11.14 | 9.27 |

(continued)

# Ten-Year Summary of Test Reports, 1977-1986

| MAKE AND MODEL OF TRACTOR | Test No. | Fuel Used | Weight With Ballast | Lbs. Ballast Carried | ENGINE No. of Cylinders | Bore and Stroke | Displacement Cu. in. | Rated RPM | Max. PTO HP at Rated Engine RPM | Std. PTO RPM | Max. PTO HP Std. PTO RPM | Max. Drawbar HP | MPH at Max. Dwbr. HP | Max. Lbs. Pull | FUEL CONSUMPTION (HP Hours Per Gallon) at:- Max. PTO HP at Std. PTO RPM | PTO Average at Varying Power | —Varying Drawbar Power— Max. Available Power | 75% of Pull Max. Power | 50% of Pull at Max. Power |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Massey-Ferguson (cont.)** | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | 16.59 | 10.97 | 12.41 | 11.43 | 9.58 |
| MF2805 8-Speed | 1399 | Die. | 21430 | 5395 | 8 | 4.63x4.75 | 640 | 2500 | 190.81 | 1000 | 186.29 | 164.58 | 5.41 | 17647 | 15.53 | 11.40 | 11.55 | 10.90 | 9.19 |
| MF3505 16-Speed | 1511 | Die. | 13195 | 260 | 6 | 3.875x5.00 | 354 | 2400 | 91.50 | 1000 | 87.47 | 74.79 | 6.54 | 8344 | 16.67 | 11.65 | 12.65 | 11.53 | 9.31 |
| MF3525 16-Speed | 1512 | Die. | 14645 | 1545 | 6 | 3.875x5.00 | 354 | 2400 | 108.01 | 1000 | 103.67 | 91.22 | 6.45 | 9322 | 17.01 | 12.11 | 12.86 | 11.47 | 9.64 |
| MF3545 16-Speed | 1513 | Die. | 17235 | 3935 | 6 | 3.875x5.00 | 354 | 2400 | 126.72 | 1000 | 122.15 | 105.16 | 6.82 | 10563 | 15.10 | 10.12 | 12.13 | 10.73 | 8.39 |
| MF4800 12 & 18-Speed | 1342 | Die. | 30520 | 0 | 8 | 5.5x4.75 | 903 | 2600 | 179.31 | 1000 | 172.88 | 159.08 | 4.82 | 25294 | 15.57 | 10.77 | 12.41 | 11.25 | 9.32 |
| MF4840 12 & 18-Speed | 1343 | Die. | 30920 | 0 | 8 | 5.5x4.75 | 903 | 2600 | 210.67 | 1000 | 210.61 | 186.36 | 4.84 | 28191 | 16.80 | 11.51 | 13.50 | 11.98 | 9.58 |
| MF4880 12 & 18-Speed | 1344 | Die. | 32450 | 1360 | 8 | 5.5x4.75 | 903 | 2600 | 272.81 | 1000 | 267.38 | 244.57 | 6.54 | 29272 | 16.80 | 11.95 | 13.26 | 11.82 | 9.87 |
| MF4900 18-Speed | 1391 | Die. | 33940 | 2975 | 8 | 5.5x4.75 | 903 | 2600 | 320.55 | 1000 | 323.88 | 278.78 | 6.53 | 30090 | | | | | |
| **Same** | | | | | | | | | | | | | | | | | | | |
| Tiger 100 | 1268 | Die. | 11620 | 2500 | 5 | 4.13x4.72 | 317 | 2200 | 90.45 | 1000 | 89.42 | 78.84 | 6.35 | 9116 | 15.48 | 13.22 | 12.41 | 13.08 | 11.26 |
| **Satoh** | | | | | | | | | | | | | | | | | | | |
| S750DD & S750D 9 Speed | 1347 | Die. | 5550 | 1620 | 3 | 3.386x4.016 | 108.4 | 2500 | 33.45 | 540 | 28.11 | 28.99 | 5.93 | 4295 | 11.92 | 10.89 | 9.86 | 11.18 | 9.58 |
| **Steiger** | | | | | | | | | | | | | | | | | | | |
| Wildcat III ST-210 & RC-210 | 1237 | Die. | 22260 | 0 | 8 | 4.500x5.000 | 636 | 2800 | --- | --- | --- | 171.44 | 5.84 | 21052 | --- | --- | 12.71 | 12.58 | 10.82 |
| Bearcat 1000 | 1592 | Die. | 28575 | 0 | 6 | 4.75x6.00 | 638 | 2100 | 218.00 | 1000 | 218.00 | 195.49 | 4.45 | 28566 | 16.61 | 13.41 | 14.68 | 13.57 | 11.60 |
| Cougar 1000 | 1593 | Die. | 31270 | 2820 | 6 | 4.75x6.00 | 638 | 2100 | 259.96 | 1000 | 259.96 | 230.18 | 6.59 | 30981 | --- | --- | 13.24 | 12.60 | 11.04 |
| Bearcat III ST-220 | 1246 | Die. | 29380 | 0 | 6 | 5.500x6.000 | 855 | 2100 | --- | --- | --- | 175.58 | 4.84 | 26936 | --- | --- | 13.99 | 13.54 | 11.65 |
| Bearcat III ST-225(1) | 1414 | Die. | 30005 | 465 | 6 | 4.75x6.00 | 638 | 2100 | --- | --- | --- | 197.69 | 5.47 | 28805 | --- | --- | 12.02 | 10.80 | 9.29 |
| Bearcat III PT225 | 1272 | Die. | 30875 | 0 | 6 | 4.75x6.00 | 638 | 2200 | (3) | --- | --- | 180.86 | 6.33 | 29749 | --- | --- | 16.43 | 15.28 | 13.12 |
| Bearcat IV KM-225 | 1542 | Die. | 33820 | 5420 | 6 | 4.921x5.354 | 611 | 2100 | --- | --- | --- | 203.31 | 4.82 | 31556 | 17.27 | 14.40 | 15.17 | 14.31 | 12.53 |
| Cougar CR-1225 | 1577 | Die. | 29190 | 0 | 6 | 4.75x6.00 | 638 | 2100 | 208.61 | 999 | 208.61 | 184.83 | 5.16 | 29570 | 16.46 | 13.29 | 14.40 | 13.46 | 11.44 |
| Cougar CR-1280 | 1578 | Die. | 29600 | 0 | 6 | 4.75x6.00 | 638 | 2100 | 258.15 | 999 | 258.15 | 231.19 | 5.19 | 28708 | 17.19 | 14.18 | 15.18 | 14.30 | 12.36 |
| Cougar III ST-250 | 1239 | Die. | 29800 | 0 | 6 | 4.75x6.00 | 638 | 2200 | --- | --- | --- | 210.35 | 6.38 | 26612 | --- | --- | 12.74 | 11.90 | 10.36 |
| Cougar III ST-250(2) | 1452 | Die. | 29965 | 0 | 6 | 4.75x6.00 | 638 | 2100 | --- | --- | --- | 215.98 | 6.11 | 29539 | --- | --- | 15.16 | 14.40 | 12.76 |
| Cougar III ST-251 | 1233 | Die. | 30840 | 0 | 6 | 5.500x6.000 | 855 | 2100 | --- | --- | --- | 205.82 | 7.98 | 26880 | --- | --- | 14.74 | 13.69 | 11.60 |
| Cougar III PT270 | 1273 | Die. | 32210 | 1495 | 6 | 4.75x6.00 | 638 | 2200 | (3) | --- | --- | 219.39 | 6.29 | 30122 | --- | --- | 12.73 | 11.81 | 10.23 |
| Cougar III ST-270 | 1238 | Die. | 29930 | 0 | 6 | 4.75x6.00 | 638 | 2200 | --- | --- | --- | 228.96 | 6.38 | 25371 | --- | --- | 13.32 | 12.62 | 10.96 |
| Cougar III PTA-280 | 1402 | Die. | 33675 | 2895 | 6 | 5.50x6.00 | 855 | 2100 | --- | --- | --- | 224.92 | 5.54 | 32625 | --- | --- | 13.74 | 12.54 | 10.44 |
| Cougar III PTA-280 | 1413 | Die. | 33150 | 2370 | 6 | 5.40x6.50 | 893 | 2100 | --- | --- | --- | 236.55 | 7.07 | 32085 | --- | --- | 14.24 | 13.14 | 11.19 |
| Cougar III ST-280 | 1401 | Die. | 33105 | 2625 | 6 | 5.50x6.00 | 855 | 2100 | --- | --- | --- | 236.82 | 5.37 | 31517 | --- | --- | 14.55 | 13.20 | 11.05 |
| Cougar III ST-280 | 1412 | Die. | 33345 | 2705 | 6 | 5.40x6.50 | 893 | 2100 | --- | --- | --- | 246.13 | 6.28 | 32099 | --- | --- | 14.85 | 13.76 | 11.69 |
| Panther III ST-310 | 1235 | Die. | 30850 | 0 | 6 | 5.50x6.00 | 855 | 2100 | --- | --- | --- | 261.78 | 7.90 | 26757 | --- | --- | 13.95 | 13.09 | 11.02 |
| Panther III ST-325 | 1236 | Die. | 31080 | 0 | 6 | 5.40x6.50 | 893 | 2100 | --- | --- | --- | 281.94 | 7.93 | 28189 | --- | --- | 14.82 | 14.19 | 12.64 |
| Panther III PTA-325 | 1355 | Die. | 33960 | 3140 | 6 | 5.40x6.50 | 893 | 2100 | --- | --- | --- | 274.88 | 5.34 | 31876 | --- | --- | 14.26 | 13.45 | 11.55 |
| Panther III PT350 | 1274 | Die. | 34000 | 2855 | 8 | 5.4x4.75 | 903 | 2600 | (3) | --- | --- | 305.48 | 6.51 | 32276 | --- | --- | 14.91 | 13.75 | 11.32 |
| Panther IV KM-325 | 1543 | Die. | 33715 | 3955 | 6 | 5.50x6.00 | 855 | 2100 | --- | --- | --- | 299.30 | 6.09 | 32700 | --- | --- | 16.04 | 14.79 | 13.00 |
| Panther IV CM-360 | 1544 | Die. | 33740 | 3815 | 6 | 5.40x6.50 | 893 | 2100 | --- | --- | --- | 334.37 | 6.03 | 32328 | --- | --- | 15.96 | 15.15 | 13.29 |
| Panther IV SM-325 | 1550 | Die. | 33930 | 5030 | 6 | 4.921x5.906 | 674 | 2100 | --- | --- | --- | 278.09 | 6.78 | 33651 | --- | --- | 17.12 | 15.98 | 14.22 |
| Panther CP-1325 12-Speed | 1453 | Die. | 35870 | 410 | 6 | 5.40x6.50 | 893 | 2100 | 299.10 | 1002 | 299.10 | 266.97 | 6.95 | 33802 | 16.55 | 13.59 | 14.71 | 13.86 | 11.95 |
| Panther CP-1360 12-Speed | 1455 | Die. | 39120 | 3860 | 6 | 5.40x6.50 | 893 | 2100 | 334.33 | 1002 | 334.33 | 294.07 | 6.89 | 36123 | 16.75 | 13.78 | 14.60 | 13.81 | 11.85 |
| Panther CP-1400 12-Speed | 1464 | Die. | 43615 | 7165 | 6 | 5.40x6.50 | 893 | 2100 | --- | --- | --- | 334.94 | 8.17 | 40272 | --- | --- | 14.92 | 14.12 | 12.07 |
| Panther KP-1325 12-Speed | 1465 | Die. | 35815 | 605 | 6 | 65.50x6.00 | 855 | 2100 | 301.21 | 1002 | 301.21 | 267.87 | 6.93 | 34267 | 17.38 | 13.97 | 15.58 | 14.15 | 11.84 |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Panther KP-1360** | | | | | | | | | | | | | | | | | | |
| 12-Speed | 1456 | Die. | 39570 | 4090 | 6 | 5.50x6.00 | 855 | 2100 | 326.12 | 1002 | 326.12 | 291.14 | 6.92 | 36771 | 17.39 | 14.15 | 15.45 | 14.27 | 12.15 |
| **Panther KP-1400** | | | | | | | | | | | | | | | | | | |
| 12-Speed | 1463 | Die. | 43175 | 6640 | 6 | 5.50x6.00 | 855 | 2100 | --- | --- | --- | 333.18 | 4.82 | 40803 | --- | --- | 15.87 | 14.54 | 12.10 |
| Tiger III ST450 | 1282 | Die. | 47370 | 4645 | 6 | 6.25x6.25 | 1150 | 2100 | --- | --- | --- | 372.61 | 6.56 | 42610 | --- | --- | 14.18 | 12.70 | 10.56 |

(1) SN. 109-00328 and higher. (2) SN. 104-00331 and higher. (3) Equipped with hydrostatic PTO 105HP at 1000 RPM.

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Valmet** | | | | | | | | | | | | | | | | | | |
| 980 4x4 | 1599 | Die. | 13765 | 5000 | 4 | 4.01x4.72 | 239 | 2300 | 68.01 | 540 | 80.55 | 78.04 | 6.71 | 10722 | 18.23 | 13.14 | 14.35 | 13.19 | 11.26 |
| 148 4x4 | 1600 | Die. | 16830 | 5920 | 6 | 4.01x4.72 | 359 | 2300 | 126.89 | 1000 | 127.11 | 110.09 | 4.94 | 13574 | 16.92 | 13.63 | 14.29 | 13.29 | 11.71 |
| **Versatile** | | | | | | | | | | | | | | | | | | |
| 256 Hydrostatic | 1518 | Die. | 10460 | 1310 | 4 | 4.02x4.72 | 239 | 2500 | 84.36 | 540 | 85.08 | 62.81 | 5.49 | 9134 | 16.45 | 12.67 | 11.82 | 11.07 | 9.52 |
| 276 Hydrostatic | 1565 | Die. | 10510 | 1310 | 4 | 4.02x4.72 | 239 | 2500 | 100.22 | 540 | 102.14 | 70.91 | 5.61 | 7892 | 16.50 | 12.86 | 11.37 | 10.25 | 8.63 |
| 555 | 1331 | Die. | 25980 | 6330 | 8 | 4.625x4.125 | 555 | 2850 | 182.25 | 1000 | 184.35 | 154.20 | 4.56 | 23533 | 16.33 | 11.15 | 12.96 | 11.17 | 8.83 |
| 835 12 | 1356 | Die. | 28000 | 3720 | 6 | 5.50x6.00 | 855 | 2100 | 198.23 | 1009 | 198.23 | 179.07 | 6.13 | 26380 | 15.13 | 11.36 | 13.16 | 11.87 | 9.70 |
| 835 Series 3 12-Speed | | | | | | | | | | | | | | | | | | |
| SN. 835-83-036769 | | | | | | | | | | | | | | | | | | |
| & higher | 1482 | Die. | 27980 | 3595 | 6 | 5.50x6.00 | 855 | 2100 | 200.30 | 1009 | 200.30 | 181.14 | 5.34 | 25687 | 15.82 | 11.86 | 14.45 | 12.74 | 10.45 |
| 836 Manual | 1566 | Die. | 25960 | 1300 | 6 | 4.921x5.354 | 611 | 2100 | 192.54 | 1008 | 192.54 | 170.56 | 4.83 | 24123 | 17.71 | 13.80 | 15.59 | 14.11 | 11.99 |
| 836 Powershift | 1567 | Die. | 25995 | 1535 | 6 | 4.921x5.354 | 611 | 2100 | 181.04 | 997 | 181.04 | 161.45 | 6.77 | 24723 | 16.65 | 12.56 | 14.80 | 13.34 | 11.24 |
| 856 Powershift | 1568 | Die. | 28000 | 2920 | 6 | 4.921x5.354 | 611 | 2100 | 209.28 | 997 | 209.28 | 185.04 | 5.88 | 26479 | 17.24 | 13.22 | 15.35 | 13.59 | 11.40 |
| 875 | 1279 | Die. | 29500 | 4980 | 6 | 5.50x6.00 | 855 | 2100 | 248.07 | 1008 | 248.07 | 228.35 | 9.12 | 24457 | 15.45 | 11.76 | 13.60 | 12.28 | 10.40 |
| 875 | 1332 | Die. | 29480 | 4160 | 6 | 5.50x6.00 | 855 | 2100 | 247.16 | 1008 | 247.16 | 221.66 | 4.86 | 26795 | 16.06 | 12.02 | 14.35 | 12.53 | 10.34 |
| 875 Series 3 12-Speed | | | | | | | | | | | | | | | | | | |
| SN. 875-83-057906 | | | | | | | | | | | | | | | | | | |
| & higher | 1483 | Die. | 29500 | 3870 | 6 | 5.50x6.00 | 855 | 2100 | 252.67 | 1008 | 252.67 | 227.48 | 5.65 | 26725 | 16.82 | 13.06 | 15.25 | 13.73 | 11.82 |
| 876 Manual | 1569 | Die. | 29500 | 4540 | 6 | 4.921x5.354 | 611 | 2100 | --- | --- | --- | 233.92 | 6.53 | 27703 | --- | --- | 16.85 | 16.68 | 13.65 |
| 895 12-Speed | 1335 | Die. | 32500 | 7880 | 6 | 5.50x6.00 | 855 | 2100 | --- | --- | --- | 261.63 | 6.45 | 29402 | --- | --- | 15.15 | 13.72 | 11.57 |
| 936 Manual | 1570 | Die. | 32385 | 5260 | 6 | 5.50x6.00 | 855 | 2100 | --- | --- | --- | 260.45 | 6.78 | 29495 | --- | --- | 15.47 | 14.04 | 12.09 |
| 1150 8-Speed | 1462 | Die. | 46500 | 11360 | 6 | 6.25x6.25 | 1150 | 2100 | --- | --- | --- | 400.29 | 5.92 | 43219 | --- | --- | 15.84 | 14.64 | 12.35 |
| **White** | | | | | | | | | | | | | | | | | | |
| 2-30 8-Speed | 1373 | Die. | 3853 | 848 | 3 | 3.386x3.386 | 91.4 | 2600 | 28.33 | 540 | 24.50 | 25.81 | 8.35 | 2816 | 12.03 | 10.27 | 10.77 | 11.42 | 9.61 |
| 2-35 8-Speed | 1374 | Die. | 3970 | 800 | 3 | 3.386x4.02 | 108.4 | 2400 | 32.84 | 540 | 30.94 | 30.37 | 8.00 | 2978 | 12.68 | 10.86 | 11.23 | 11.73 | 10.35 |
| 2-45 20-Speed | 1395 | Die. | 6630 | 660 | 4 | 3.858x3.62 | 169.3 | 2250 | 43.73 | 540 | 36.62 | 37.32 | 3.97 | 4455 | 12.70 | 11.25 | 10.96 | 11.00 | 9.66 |
| 2-50 Field Boss | 1231 | Die. | 6860 | 2325 | 3 | 3.940x4.330 | 158 | 2500 | 47.02 | 540 | 43.94 | 41.88 | 4.80 | 5640 | 15.80 | 13.03 | 13.26 | 13.49 | 11.97 |
| 2-55 16-Speed | 1466 | Die. | 7055 | 860 | 4 | 4.02x3.94 | 199.4 | 2200 | 53.32 | 540 | 45.74 | 48.49 | 4.88 | 5037 | 14.89 | 12.38 | 13.35 | 13.21 | 11.39 |
| 2-60 Field Boss | 1232 | Die. | 8990 | 3830 | 4 | 3.940x4.330 | 211 | 2400 | 63.22 | 540 | 54.35 | 54.78 | 5.07 | 7352 | 17.63 | 13.82 | 14.40 | 13.87 | 11.93 |
| 2-62 20-Speed | 1396 | Die. | 6875 | 635 | 4 | 4.016x4.33 | 219 | 2200 | 61.46 | 540 | 54.25 | 51.63 | 6.05 | 4695 | 16.31 | 13.85 | 13.76 | 13.49 | 12.08 |
| 2-65 16-Speed | 1467 | Die. | 7110 | 790 | 4 | 4.02x4.65 | 235 | 2200 | 62.50 | 540 | 55.40 | 56.67 | 6.51 | 4287 | 16.19 | 12.91 | 13.94 | 13.20 | 11.29 |
| 2-75 16-Speed | 1486 | Die. | 9625 | 1705 | 6 | 4.016x4.33 | 329 | 2200 | 75.39 | 1007 | 75.64 | 65.05 | 6.04 | 6487 | 15.86 | 12.02 | 13.01 | 12.21 | 10.48 |
| 2-88 18-Speed | 1487 | Die. | 13615 | 0 | 6 | 3.875x5.00 | 354 | 2200 | 86.78 | 1007 | 86.78 | 74.67 | 6.51 | 9486 | 15.71 | 12.69 | 13.62 | 12.74 | 10.79 |
| 2-110 18-Speed | 1468 | Die. | 13955 | 0 | 6 | 3.875x5.00 | 354 | 2200 | 110.52 | 1000 | 110.52 | 94.90 | 6.40 | 9500 | 16.77 | 13.27 | 14.19 | 13.08 | 10.84 |
| 2-135 | 1275 | Die. | 16360 | 2225 | 6 | 4.56x4.87 | 478 | 2200 | 137.64 | 1000 | 138.03 | 117.67 | 8.93 | 11907 | 14.91 | 11.38 | 12.31 | 11.42 | 9.73 |
| 2-155 | 1276 | Die. | 16650 | 0 | 6 | 4.56x4.87 | 478 | 2200 | 157.73 | 1000 | 162.37 | 139.68 | 9.04 | 14512 | 15.38 | 11.91 | 12.69 | 11.53 | 9.97 |
| 4-175 Field Boss | 1375 | Die. | 20420 | 0 | 8 | 4.50x5.00 | 636 | 2600 | 151.69 | 1000 | 151.29 | 133.72 | 6.39 | 19905 | 15.50 | 11.70 | 12.96 | 11.98 | 10.01 |
| 2-180 | 1287 | Die. | 18280 | 0 | 8 | 4.50x5.00 | 636 | 2800 | 181.89 | 1000 | 181.89 | 163.64 | 6.50 | 15499 | 14.38 | 11.66 | 12.85 | 12.48 | 10.56 |
| 4-210 Field Boss | 1318 | Die. | 23735 | 0 | 8 | 4.50x5.00 | 636 | 2800 | 182.44 | 1000 | 182.44 | 162.25 | 5.89 | 22934 | 14.26 | 11.53 | 12.34 | 12.10 | 10.25 |
| 4-225 | 1558 | Die. | 24140 | 0 | 8 | 4.50x5.00 | 636 | 2600 | 195.55 | 1002 | 195.65 | 170.57 | 5.47 | 22865 | 15.60 | 12.06 | 13.64 | 12.42 | 10.44 |
| 4-270 | 1559 | Die. | 30650 | 0 | 6 | 4.75x6.00 | 638 | 2100 | 239.25 | 1000 | 242.30 | 211.70 | 6.60 | 27180 | 16.69 | 13.60 | 14.53 | 13.53 | 11.90 |
| **Yanmar** | | | | | | | | | | | | | | | | | | |
| YM226D | 1442 | Die. | 3380 | 1080 | 3 | 2.95x3.35 | 68.7 | 2600 | 19.42 | 540 | 17.87 | 16.14 | 4.78 | 2073 | 15.07 | 11.67 | 11.92 | 10.93 | 9.26 |
| YM276D | 1443 | Die. | 4110 | 1405 | 3 | 3.31x3.35 | 86.2 | 2600 | 23.00 | 540 | 22.82 | 18.93 | 5.78 | 2412 | 14.35 | 11.06 | 11.08 | 10.57 | 8.90 |
| YM336D | 1444 | Die. | 5020 | 1615 | 3 | 3.31x3.54 | 91.3 | 2600 | 26.88 | 540 | 25.63 | 23.00 | 6.28 | 3086 | 14.27 | 11.32 | 11.39 | 10.66 | 9.64 |
| **Zetor** | | | | | | | | | | | | | | | | | | |
| 5245/5211 | 1571 | Die. | 7295 | 385 | 3 | 4.02x4.33 | 164.6 | 2200 | 42.51 | 540 | 40.10 | 37.83 | 5.70 | 4558 | 16.56 | 13.17 | 14.59 | 13.83 | 12.10 |
| 7245/7211 | 1572 | Die. | 8565 | 725 | 4 | 4.02x4.33 | 219 | 2200 | 58.28 | 540 | 54.91 | 50.77 | 5.75 | 4788 | 16.82 | 13.51 | 14.36 | 13.90 | 12.33 |
| 6245 (6211) | 1601 | Die. | 8535 | 855 | 4 | 3.94x4.33 | 211 | 2200 | 53.09 | 540 | 50.23 | 47.43 | 5.57 | 6332 | 16.06 | 13.04 | 13.84 | 13.34 | 11.50 |
| 7745 (7211) | 1602 | Die. | 10360 | 2455 | 4 | 4.02x4.72 | 239 | 2200 | 65.74 | 540 | 62.17 | 57.56 | 6.63 | 7484 | 17.01 | 13.94 | 14.30 | 13.72 | 12.05 |